



lan de Graaff-

OREGON BULB FARMS

Box 512, Gresham, Oregon

LILIES

DAFFODILS

IRIS

1955

WHOLESALE ONLY

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DEALERS' PRICES





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your invitation to visit us:

The horticultural trade and commercial growers are invited to inspect our stocks at any time, including weekends. Driving from Portland, the best way is to cross the Ross Island Bridge, then drive East through Gresham and follow the signs to Dodge Park, where our office and home are located.

Lilies for Spring 1955 Delivery

From our excellent 1954 harvest we have set aside a number of fine Lilies for spring delivery. They are being held in our new cold storage room and will be in perfect condition for delivery up till the first of April 1955. After that date, while delivery and planting is still possible, we will not be responsible for the results. Generally speaking, such late planted Lilies will not flower well. In the case of the Bellingham Hybrids and L. pardalinum giganteum "Sunset" all one can expect is some leaf growth; Lilies of this type will not make enough roots to support normal flowers and should never be planted in the spring.

For your convenience we have grouped the Lilies in several special collections. We offer them subject to prior sale. We have priced most of these Lilies at the 1954 prices, since they are from that crop.

Offer A: MID-CENTURY HYBRIDS — 25 bulbs of each of six varieties, nicely labeled, in polyethylene bags, packed in our attractively printed container — 150 bulbs in all for \$36.00.

We are using Parade, Tangelo, Valencia, Enchantment, Joan Evans and Pagoda in this collection, but if sold out of any of them, we reserve the right to send another, equally good variety.

- Offer C: MID-CENTURY HYBRIDS MIXED—
 This is a superb mixture, containing some 60 different types and colors, packed in units of 250 bulbs of 5-7" size.
 We offer these fine Lilies at \$30.00 per box.
- Offer D: GOLDEN CHALICE HYBRIDS Our lovely strain of golden, upright flowering Lilies, in 5 inch and over size, packed 250 per box and offered at \$36.00 per box.
- Offer F: ENCHANTMENT Our glorious, vibrantly colored new hybrid Lily. We have packed a few boxes of 250 in 5-7" size and offer them at \$40.00 per box.

Offer G: GARDEN OF HYBRID LILIES – 25
bulbs each of six leading new Lilies
(pictures included in each box):
Golden Chalice Hybrids
Mid-Century Hybrids
Henryi Hybrids
Pagoda
Enchantment
Valencia

SPECIAL: L. Henryi – fine, plump bulbs, the true species, raised by us from seed.

6-7" \$150.00 per 1,000 7-8" 180.00 per 1,000 8-9" 240.00 per 1,000

L. Henryi Hybrids — also called Havemeyer Hybrids.

150 bulbs in all, offered at \$45.00 per box.

6-7" \$300.00 per 1,000 7-8" 450.00 per 1,000 8-9" 600.00 per 1,000

These are the orange colored "Sunburst" Hybrids that, while unusually attractive, resemble L. Henryi somewhat and for that reason have been taken out of the 1955 "Sunburst" strain. They represent an outstanding value at this new, low price.

All prices f.o.b. our Farms. All offers subject to prior sale.

WE ARE HOLDING SMALLER QUANTITIES OF MANY OTHER LILIES.

Please Ask for Stock List and Prices.

Based largely on new color photographs, made during the 1954 flowering season, the 1955 retail lily folder is the finest we have yet produced. Since so many new color separations had to be made, the cost of the folders is slightly higher than last year. By absorbing part of these expenses we make these beautiful folders available to you for \$35.00 per 1,000 copies, f.o.b. Portland, Oregon. Orders for five thousand or more folders, received before April 1st of this year, will be imprinted, free of charge, with your name and address. Smaller orders can be imprinted, too, but a slight charge will have to be made for this service, depending on the quantity ordered. There is no quantity discount; please do not order less than one thousand folders for special imprints. Separate order blanks and special envelopes for the folder can also be made available at a cost of approximately \$25.00 per 1000. Please write us for a special quotation.

Once more we want to make it very plain that we are not in the retail business, nor do we accept orders from garden clubs or similar groups of buyers. We print these folders because we realize that the many nurseries and seed or garden stores in this country cannot and should not list or stock all our expensive Lilies. Moreover, we feel that it is of vital importance to all of us — growers, wholesalers and retail dealers — that the Lilies supplied to the public give satisfaction. We can help by harvesting to order, by packing the bulbs with their fresh and live roots in polythylene bags and shipping them, with the least possible delay, directly to your customers

The procedure to follow in using these folders is to order them from us at the earliest possible date. Please give us definite and clear instructions as to the overprinting desired and the type and style of lettering you prefer. The folders will be printed in

April and should be in your hands early in May. We do not know the best time of mailing them. Some customers have had good results with May and June mailings, others feel that the first or second week of September was better.

After you have made a mailing and when orders come in, please number them, make sure that each one bears your name, as well as the name of the customer and his address. Then list the names, the addresses and the amount you have received with each order and send us a duplicate of this list. We can then both refer back to the order at all times and correct or check any mistakes that might have happened.

To each order please attach a gummed and typed label, bearing the customer's name and address and also your name and address as the sender. Furnish us with a few extra labels, in case we have to ship in more than one parcel. The packages sent out by us will all bear the Oregon Horticultural Inspection tag. We suggest that you send each customer an acknowledgement at the time his order reaches you.

As we ship in October, we note on each order the amount of postage and the packing charges. For the past few years packing costs have averaged 32 cents per order, figured over many thousands of small packages sent out. We believe this is a fair charge and it is most likely less than what it would cost you to do similar, careful packing. At the end of the season we bill you, at wholesale, for the bulbs used, for the packing and for the postage. Regular terms and discounts will prevail, of course.

We stand ready to pack special retail orders for all bona fide dealers, whether you use the color folders or not. Please do not hesitate to call on us whenever we can be of help.

Sample:	Your Order No.	Name Mrs. J. Doak	Address 117 Elm Street	City & State Dallas, Texas	Amount \$21.75
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The Complete Book of Bulbs by F. F. Rockwell and Esther C. Grayson

This book, superbly illustrated and full of readily available information, covers the entire field of bulbs for the American garden. The Complete Book of Bulbs is by far the most comprehensive book on the subject ever published in this country. Retail price \$5.95. Write to Doubleday & Co., 575 Madison Avenue, New York 22, New York, for trade discounts.

Books...



The New Book of Lilies by Jan de Graaff

Superbly illustrated in color, this book sums up more than twenty years of experience with lilies, their commercial production, their history and their future. Whether you grow lilies yourself or sell them to the public, this book is one you should have on your shelves. Order your copy direct from us. For trade discounts, please ask our publishers, Barrows & Co., 425 Fourth Avenue, New York 16, New York. Retail price \$3.50 per copy.

Lectures...

and
Society...

Daffodil Society...

A mimeographed lecture on lilies, illustrated with a magnificent new collection of 35 mm Kodachrome slides, made during the 1954 flowering season, is available directly from us. Collections of lily slides, extended with lilies in special arrangements and other unique photographs, are available from Dr. Philip Corliss, Somerton, Arizona, for a fee of five dollars per showing, plus postage.

A lecture on daffodils and a fine group of Kodachromes to illustrate it, is also available from Dr. Philip Corliss, Somerton, Arizona, for a fee of five dollars per showing, plus postage.

The 1955 Annual Lily Show of the North American Lily Society is to be held in Boston, Massachusetts, in July. We recommend that you attend this special occasion.

Join the North American Lily Society and receive the interesting Yearbooks, containing cultural information, regional reports and many other articles of interest to you and your customers. For membership send \$3.00, with your name and address to Mr. Ralph M. Warner, *Treasurer*, Woodmont Road, R.F.D. 1, Milford, Connecticut.

A new Daffodil Society has been formed and Mr. Paul F. Frese, Editor of Popular Gardening, is the temporary Chairman. A note addressed to him c/o Popular Gardening, 369 Lexington Avenue, New York City, will bring you all the information. Acting Treasurer is Mrs. William Bridges, 10 Orthoridge Road, Towson 4, Maryland. There will be a bulletin, published periodically and permanent officers will be elected at the first annual meeting this spring. Join now and become a charter member of this worthwhile Society.

Report to our Customers:

As the 1954 season draws to a close and the volume of orders dwindles, the time has come again to prepare our catalog for the forthcoming year and to write the annual report to our customers. To them, too, rather than to the casual reader, a special word of thanks is due. Thanks for their support which makes it possible for us to continue on our chosen path - the breeding and propagation of better and better Daffodils, Iris and Lilies. Thanks also for the substantial help many of our customers have given us by letting us draw freely on their experience in merchandising. It is difficult, impossible, in fact, to write to each and every customer as he places orders with us. We try to instill system and efficiency in this business. Often the printed form must do where a personal letter would have been more polite. We are selling at steadily lower prices and producing at ever-increasing costs. If we are to survive at all, we can do so only by the greatest economy.

The past spring and summer, the coldest and wettest on record here, were enough to test the patience and efficiency of any grower. Our schedules for harvesting, curing, grading and packing had to be revised constantly. In the end, it was only by putting on two shifts and by working long hours that we managed to process the enormous quantities of bulbs produced on the more than two hundred acres planted. The crop was good and especially the Lilies seem to have benefited from the excess of moisture. Bulbs planted down for two years, in the expectancy that they would make good commercial grades in 1955, were large enough to sell in 1954 and too large to be left undisturbed. We were thus, in many instances, confronted with the task of not only handling our normal 1954 crop but also to take care of, grade and replant the crop intended for sale in 1955.

This work has now been done. The farms are laid by for the winter and our crew is hard at work repairing, painting and improving our buildings, equipment and tools. A cold-storage plant was added to our already large establishment. It has proven

its worth in making possible Lily storage in our own buildings for spring delivery. It also served us well in conditioning the flowers for shows and photographic purposes. While the expense was high, we cannot see now how we could have gotten along without it.

Again, prompted both by the need for greater efficiency and by our desire to market nothing but the very best, we have reduced our offerings. A considerable number of Daffodil novelties has been eliminated from this catalog — not because they were not good, but simply because to sell but a few bulbs of a variety costs us far more than the revenue they might bring in. In Lilies, too, we made some drastic reductions, both in the number of varieties and in the quantities produced. We feel that our present offering is the best we have ever made. We know that with a normal demand, such as we have experienced in the past, we will be sold out long before the shipping season ends.

Our new catalog lies before you. It is your response to our previous offerings that has made this business prosper. We hope we may continue to serve you, for far beyond the prospects of monetary gains, which are but slight, there is that tremendous challenge to see what is around the corner — the better and better Daffodils, Iris and Lilies of the future. It is this challenge that has spurred us on in the past and that guided us again in this difficult season. We feel that you and your customers are partners in this endeavor and we appreciate your support which made it possible. We look hopefully forward to the future.

Sincerely yours,

GRESHAM, OREGON

January, 1955

1955 DEALERS' PRICES — DAFFODILS

While we have priced these bulbs per thousand, we realize that many dealers do not receive orders for such quantities. We shall be glad to fill any orders you have, for single bulbs if need be and only if you want us to fill a number of such small orders, necessitating special retail packing, do we make a charge for such services.

Please turn to the following pages for prices and a complete descriptive list of many other new and standard varieties.

MINIATURE DAFFODILS - DIVISION 10

MINIATU	RE DAFFC	DDILS - DIVISION 10		
N. bulbocodium conspicuus (yellow hoop petticoat)	\$50.00	N. jonquilla simplex (true, single sweet-scented French jonquil)\$50.00		
N. canaliculatus (miniature Poetaz) 50.00		N. juncifolius (miniature jonquil)	90.00	
TRUMPET DAFFODILS - DIVISION 1		LARGE-CUPPED DAFFODILS – DIVISION 2		
Yellow Trumpet Daffodils – 1 a DN 1	DN 2 & RD	DN 1	DN 2 & RD	
Aerolite, E \$ 72.00	\$ 48.00	Carbineer, E \$120.00	\$ 96.00	
Alasnam, E	48.00	Carlton, M	64.00	
Ben Hur, M 80.00	64.00	Daisy Schaffer, E	96.00	
Dawson City, L	64.00	Damson, E	48.00	
Diotima, E	96.00	Dick Wellband, L	48.00	
February Gold, E E	48.00	Fortune, E	72.00	
,		Fortune's Bowl, E	150.00	
Golden Harvest, E	80.00	Francisca Drake, M 60.00	48.00	
King Alfred, M	48.00	Gertie Millar, M 90.00	72.00	
King Alfred, Jumbo, M 96.00		Hades, M	72.00	
Successor, M 72.00	48.00	John Evelyn, M	80.00	
Unsurpassable, E 150.00	120.00	Nova Scotia, M	48.00	
		Red Bird, L	72.00	
Disclos Deffe dile 1 L		St. Egwin, M	72.00	
Bicolor Daffodils –, 1 b		Scarlet Elegance, M 75.00	60.00	
Lovenest, M\$100.00	\$ 80.00	Scarlet Leader, L	120.00	
Queen of Bicolors, M	120.00	Silver Star, E	48.00	
		Tunis, E	48.00	
White Trumpet Daffodils – 1 c		SMALL-CUPPED DAFFODILS – DIVIS	ION 3	
Ada Finch, E E\$150.00	\$120.00	Alcida, M\$ 60.00	\$ 48.00	
Beersheba, M	150.00	Bridegroom, L 300.00	240.00	
la Vestale, E 100.00	75.00	Diana Kasner, E 60.00	48.00	
Mrs. E. H. Krelage, M 90.00	72.00	Firetail, M 90.00	72.00	
Mrs. R. O. Backhouse, L 100.00	75.00	Garden Officer, L 160.00	120.00	
		Lady Kesteven, L	120.00	
Mount Hood, M	160.00	Magic Fire, L	48.00	
Roxane, M	90.00	Nette O'Melveny, E	48.00	

DOUBLE DAFFODILS – DIVISION 4		POETAZ DAFFODILS – DIVISION 8
DN 1	DN 2 & RD	DN 2 DN 1 & RD
Albus plenus odoratus, LL\$ 70.00	\$ 56.00	Cheerfulness, L \$ 60.00 \$ 48.00
Campernelle double, E 60.00	48.00	Geranium, L
Cheerfulness, L 60.00	48.00	Klondike, M 60.00 48.00
Daphne, L 90.00	60.00	Laurens Koster, E
Irene Copeland, E 60.00	48.00	
Mary Copeland, L 150.00	120.00	L'Innocence, M 60.00 48.00
Moulin Rouge, M	48.00	Winter Pride, E
Royal Sovereign, M 60.00	48.00	
Texas, E 90.00	60.00	POETICUS DAFFODILS – DIVISION 9
Twink, E 60.00	48.00	Actaea, E \$ 72.00 \$ 56.00
TRIANDRUS HYBRIDS – DIVISION 5		Recurvus, LL 60.00 48.00
Moonshine, M \$ 60.00	\$ 48.00	
Silver Chimes, L (rounds only)	80.00	
Stoke, M	120.00	Key:
Thalia, E 70.00	56.00	EE-Extra Early
CANCEL LANGUAGE STATEMENT DAVIDAGE DAVIDAGE	T C	E -Early
CYCLAMINEUS HYBRIDS – DIVISION		M —Medium
Beryl, E\$ 60.00	\$ 48.00	L –Late
February Gold, EE 60.00	48.00	LL-Extra Late
JONQUILLA HYBRIDS – DIVISION 7		
Campernelle double, E \$ 60.00	\$ 48.00	
Golden Perfection, M 60.00	48.00	MIXTURES FOR NATURALIZING:
Jonquilla simplex, LL (single)	50.00	Seedling Mixture \$ 60.00 \$ 48.00
Trevithian, M	48.00	Flower Border Mixture 50.00 40.00

LEUCOJUM – (Snowflakes)

Mixtures contain all types and are well assorted in early and late varieties. The seedling mixture is actually made up out of new varieties and we recommend it strongly.

Bulbs in Boxes, Special Packs and Offers

GARDEN OF HYBRID DAFFODILS -

We sold all the colored boxes last fall. We shall be glad to put up mixed daffodils, either our Seedling or our Flower Border Mixed, in bags of 50 bulbs, or in special tray crates of 250 bulbs, at no extra charge.

MIXED DUTCH IRIS -

We have an ample supply of the attractive little color-printed iris cartons on hand and as long as they last we will supply them in units of not less than 60 boxes, as follows: Packed with 12 Mixed Iris per box at 25 cents per box, \$15.00 per container. Packed with 25 Mixed Iris per box at 40 cents per box, \$24.00 per container. The 25 bulb pack looks better.

LILIES IN BOXES -

Bellingham Hybrids — Three top-size, 6-7" approximately, bulbs of this magnificent hybrid lily—vigorous, hardy and easy to grow. Ideal for cut flowers. The boxes pack in units of 36 in a special shipping container. We offer them at \$0.60 per box or \$21.60 per container of 36 boxes. Container of 36 boxes weighs approximately 50 pounds.

OLYMPIC HYBRID LILIES — Three 7-8" bulbs, carefully packed in these attractive boxes, which fit 36 boxes per container. We offer these lovely lilies at 60 cents per box of three; \$21.60 per container. Container of 36 boxes weighs approximately 60 pounds.

FOUR OUTSTANDING DAFFODILS -

Packed in our fibreboard containers, two varieties in each box which is divided by a partition,

75 FRANCISCA DRAKE and 75 SILVER STAR

large doublenosed bulbs, for \$9.00 per container, color pictures free.

100 MOONSHINE and 100 POETAZ MIXED large doublenosed bulbs, for \$12.00 per container, color pictures free.

Special KING ALFRED Offer – From our enormous stocks of finest, selected King Alfred daffodils we can make up various attractive packs. We also have a striking five-color, lithographed poster that we supply with each order, free of charge.

JUMBO KING ALFRED, 22 cM and over, packed in our wooden tray-crates, 200 enormous bulbs per crate, \$20.00 per crate.

DOUBLENOSED I KING ALFRED, 19-22 cM, packed in wooden tray crate, 250 bulbs per crate, \$18.00 per crate.

DOUBLENOSED II KING ALFRED, 17-19 cM, packed in wooden tray crate, 500 bulbs per crate, \$22.50 per crate.

Iris Descriptions and Prices — 1955

Blue Horizon (de Graaff) – Soft, uniform violetblue iris with Indian-orange narrow stripe down the falls. F.C.C.H. 1934.

EDWARD SALBACH (Salbach-de Graaff) — Of the same strain as National Velvet, this iris is later flowering and further distinguished by the bright orange, almost circular spot on the falls. A market flower of great potential and one worthy of the Salbach name.

GOLDEN BRONZE (de Graaff) — A tall iris, the falls are deep golden bronze, the standards have a touch of purple.

Golden Harvest (Unknown) - This is a good yellow iris, larger than Yellow Queen.

HEAVENLY BLUE (de Graaff)—The nicest light blue we have raised, a large flower that is most attractive in the garden and for cutting. Tall and rugged.

IMPERATOR (Unknown) — The well-known commercial blue iris, late and strong-growing. It is still one of the best.

NATIONAL VELVET (Salbach-de Graaff) — A hybrid iris of a rich, deep velvety-purple color. It is the first of a new strain of hybrids but since it flowers with the Dutch iris we list it here. The falls and standards are uniform in color, the stripe on the falls is of a rich orange color. Even in bud this is a beautiful plant, the green of the clean

foliage making a beautiful contrast with the purple of the unfurling flower. Highly recommended.

Panamint (de Graaff) —A new introduction of ours, patterned after the old Huchtenburg but cleaner in color and with far greater refinement. The falls are golden-yellow and the standards ivory-white.

ROYAL PURPLE (Salbach-de Graaff) — This is the third of this new race of iris offered this year. It has the same shape and habit as National Velvet but an even deeper coloring. Test shipments to some of our leading florists were extremely well received. We foresee a great future for this iris and recommend it to you.

VIOLET QUEEN (de Graaff) — Another fine novelty actually misnamed for it might just as well have been called Mauve Queen. Standards and falls are of a uniform rich, yet soft mauve-violet coloring, a most distinctive shade.

WHITE SUPERIOR (de Graaff) — A pure self-colored white of great size and beauty. Following White Excelsior and only a close second to White Perfection these three white Dutch iris exemplify the quality of the de Graaff strain.

WHITE PERFECTION (de Graaff) — The finest white iris in existence. Long-stemmed, long lasting and a prolific grower, this is both a garden and florist's flower without rival. Highly recommended. First Class Certificate in 1945.

6/7 cl	М 7/8 сМ	8/9 cM	9/10 cM	10/11 cM
TINGITANA HYBRID, Wedgwood		\$16.00	\$30.00	\$42.00
DUTCH HYBRIDS				
Blue Horizon	\$24.00	36.00		
Edward Salbach	42.00	60.00		
Golden Bronze	48.00	60.00		
Golden Harvest	36.00	48.00		
HEAVENLY BLUE	30.00	42.00		
IMPERATOR 18.00	24.00	36.00		
National Velvet	30.00	42.00		
PANAMINT	30.00	42.00		
ROYAL PURPLE 30.00	42.00	60.00		
VIOLET QUEEN 24.00	30.00	42.00		
White Superior	42.00	48.00		
White Perfection 36.00	48.00	60.00		
BEST MIXTURE, all colors	24.00	36.00		

All prices are per 1000 f.o.b. Gresham, Oregon

1955 DEALERS' PRICES — LILIES

		444	4 800	F C !!	0.54	7.04	0.04	0.10#
		-4′′	4-5"	5-6"	6-7"	7-8"	8-9"	9-10"
amabile			\$150.00	\$210.00	\$	\$	\$	\$
amabile luteum			450.00		450.00	600.00	750.00	
auratum platyphyllum					130.00	000.00	750.00	
AURELIAN HYBRID STRAIL	VS							
Sunburst					450.00	600.00	750.00	
Heart's Desire					600.00	750.00	900.00	
Golden Clarion					1200.00	1500.00	1800.00	
BELLINGHAM HYBRIDS,								
graded 5-7" and 7-9"				150.00		210.00		
candidum "Cascade Strain"					180.00	210.00	240.00	300.00
candidum "White Elf"			750.00		300.00	420.00		
cernuum		0.00	$750.00 \\ 300.00$	360.00				
concolor	44	0.00	300.00	300.00				
FIESTA HYBRIDS			150.00	210.00	270.00			
formosanum, tall, late, St. Louis			150.00					
formosanum, short, early, Pricei			180.00					
2011110011111111, 011011, 01111, 1 1 1 1								
GOLDEN CHALICE HYBRID	S			150.00	210.00			
GREEN MOUNTAIN HYBR	IDS				240.00	300.00	360.00	
Hansoni, graded 6-8" and 8-10"					420.00		600.00	
Henryi					150.00	180.00	240.00	270.00
Henryi hybrids			,,,,,	*	300.00	450.00	600.00	
japonicum platyfolium			400.00	500.00	010.00	070.00	9.00.00	
longiflorum "Croft"					210.00 240.00	$\frac{270.00}{300.00}$	360.00 420.00	
longiflorum "Estate"				240.00	360.00	300.00	140.00	
martagon album				600.00	1000.00			
With Million Icean Scientisis								
MID-CENTURY HYBRIDS —								
	II	prich	t-Flowerin	a Varieti	ec	7	Novelties	
Outward-Facing Varieties Eac		prign	t-1 low ci iii		Cach	1	TOVETTICS	Each
Fireflame\$0.3		nchar	ntment			Croesus		
Tangelo			vans					
Valencia		[armo	ny		.24	Prosperity		1.00
Mixed Colors and Types				150.00	210.00			
				100.00	120.00	100.00	010.00	050.00
OLYMPIC HYBRIDS				120.00	150.00	180.00	210.00	270.00
"Pink"						each, rand		
"White"						each, rand		
"Select" pardalinum giganteum "Sunset"				• • • • •	.73	cacii, rano	10111 5120	
5-7" and 7-9"				150.00		210.00		
pumilum (tenuifolium)		75.00	0000					
1 / / / / / / / / / / / / / / / / / / /								
RAINBOW HYBRIDS –								
Mixed, all colors				150.00	210.00	150.00	100.00	040.00
regale				105.00	120.00	150.00	180.00	240.00
Shuksan, graded 5-7" and 7-9".				165.00	300.00	240.00	600.00	
speciosum "Red Champion" speciosum "White Champion"					450.00	$450.00 \\ 750.00$	1000.00	
speciosum winte champion					150.00	, 50.00	1000.00	

Prices are per thousand. We realize that many dealers do not receive orders for such quantities. We shall always be glad to fill any orders, for single bulbs if need be, and only if you want us to fill a number of such small orders, necessitating special retail packing, do we make a charge for such services.

Lily Color Plates

From among the sixteen excellent color reproductions that illustrate our "New Book of Lilies" we have selected the six most outstanding and have had them laminated in plastic to give them enhanced beauty and permanence. Size of these plastic plates is eight by six and a half inches. They are an invaluable help in selling lilies and make an attractive decoration for your store or office.

Our supply is limited as we could only obtain a hundred or so reprints of each subject. The set consists of the following and costs \$3.00, prepaid.

Parade Shuksan Fireflame Olympic Hybrid, single flower Olympic Hybrids, stalk

Fiesta H brids

Lily Electrotypes

From the illustrations used in our 1953 lily folder we have had thirteen subjects engraved. Electros are available at cost price and will be shipped from San Francisco. The subjects shown in our 1955 folder, of which a copy is enclosed with this catalog, also can be engraved. We shall be glad to obtain prices and assist you in ordering electros from these new plates. Obviously, the job can only be done economically if we have plenty of time and have a sufficient number of orders.

Shipping Weights and PacKs

LILIES

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All weights are approximate and not guaranteed as they vary with the moisture content of the bulbs and the packing material.

L. centifolium "Olympic Hybrids" bulk pack,

6- 7" 250 per box weighs 75 pounds

7- $8^{\prime\prime}$ 200 per box weighs 72 pounds

8- 9" 125 per box weighs 70 pounds 9-10" 100 per box weighs 80 pounds

I.. candidum "Cascade Strain" bulk pack,

6-7" 250 per box weighs 55 pounds 7-8" 200 per box weighs 60 pounds

8-9" 125 per box weighs 52 pounds

DAFFODILS

The specific weight of the various daffodil varieties and types differs a great deal and it is almost impossible to give the exact shipping weight for each.

King Alfred jumbo size weighs in excess of 200 pounds per crate of 500 bulbs. The DN 1 size weighs between 180 and 200 pounds per 500 bulbs, while DN 2 size weighs around 150 pounds per 500 bulbs. On most other varieties we pack the large DN 1 size in tray-crates of 250 bulbs per crate and their weight, so packed, will be close to 75 pounds per crate or 300 pounds per 1000 bulbs. Varieties making small bulbs we pack 500 per crate and they will average about 200 pounds per 1000 bulbs.

IRIS

Iris bulbs are light and their weight is usually no great factor in figuring shipping costs. Wedgwood, 10-11 cM, pack 2000 per crate and weigh about 60 pounds per 1000 bulbs.

TERMS AND CONDITIONS

No orders will be accepted from parties not actually engaged in the seed and nursery trade.

Boxed collections are packed in cases as listed and no broken cases can be supplied.

While we seldom fail to complete accepted orders, we reserve the right to omit any part of an order where unexpected or unavoidable shortages occur.

We do not substitute unless we are expressly instructed to do so.

With our Packaged Collections we reserve the right to substitute equal or better varieties in any collection, in case an unexpected shortage of any variety occurs. Where such a substitution is made the label will be altered, if necessary, to show exact contents.

All orders shipped at purchaser's expense and risk. We exercise every possible precaution to pack our bulbs safely and to protect them against damage in transit. However, we cannot offer any guarantee to that effect.

No extra charges are made for delivery to carrier, nor is any charge made for containers or crates. Charges for freight, forwarding and delivery will be collected when the bulbs arrive. These charges are net, not subject to any discount.

All shipments bear a Certificate of Inspection issued by our Oregon State Department of Agriculture. It is distinctly understood that our customers must assume all risk in regard to the entomological requirements of their respective states.

Complaints and claims about the quality supplied cannot be entertained unless made immediately upon receipt of the bulbs. No warranty is given, express or implied and we will not be in any way responsible for the results of planting or forcing of any bulbs supplied by us.

Prices of all our offers are quoted net, subject to market fluctuations and stocks being unsold upon receipt of orders. Verbal agreements will not be considered. All orders are accepted subject to satisfactory crops. By placing orders, buyers are considered to agree with our terms, even where they may differ from those usually made.

If at the time of shipment purchasers have not yet settled their previous year's accounts, or in the case of unknown customers that cannot supply sufficiently good references or in the case of unsatisfactory information, we shall be compelled to cancel any orders placed with us.

GUARANTEE

We guarantee all varieties to be true to name and description. While we exercise the greatest care to have all stock true to name and hold ourselves prepared to replace, on proper proof, all stock that may prove untrue, it is mutually agreed between the purchaser and the Oregon Bulb Farms that we shall not at any time be held responsible for a greater amount than the original purchase price of the stock.

Another year has gone by, one that will be long remembered by all of us here. Both spring and summer were cold and wet and while the overabundance of water was better for Daffodils than a drought, we had plenty of problems to cope with. For one thing, the fields were hardly ever dry enough to operate our trucks and harvesting machinery at maximum efficiency. For another, the bulbs did not cure readily and consequently we had to ship many carloads of Daffodils that had a dusty, if not downright muddy, appearance. In spite of our best efforts, none of the stock looked as attractive as in previous years.

To our surprise, the keeping quality of the bulbs was not affected. Obviously, if one considers that our harvest starts late in June, it is to be expected that by the end of October some losses occur. This is largely due, we find, to lack of ventilation in our customers' warehouses and to the warm and humid conditions prevailing in some selling areas — not to any fault inherent in the bulbs. Stocks still standing in our warehouse at this very late date do not show any sign of breaking down and we believe that our Oregon-grown acclimated Daffodils can safely be shipped from here until Christmas. That such late delivered and late planted stock will not give full satisfaction to the gardener is obvious. For best results Daffodils must be planted early.

With all the rain and cold weather we certainly did not have an enjoyable flowering season. Our plans for photographic coverage had to be abandoned and we hardly had a few hours of sunlight to check on all the new seedlings. Much as we hate to admit it, we can see little signs of an upswing in interest and demand for new Daffodils. As a hobby there surely is nothing nicer than growing a collec-

tion of modern Daffodils and working towards their further improvement and refinement. As a business we can hardly think of anything more hopeless. It was inevitable, therefore, that another reduction in the number of varieties grown by us had to be made.

Among the new seedlings, still retained, are some fine examples of giant doubles and of new pink Daffodils. They will be found listed in this catalog. We hope that they will find their way to appreciative gardeners. Apart from these few small stocks of novelties, our acreage devoted to Daffodils is now planted to large stocks of good, commercial varieties. They are the ones that have found acceptance by the discriminating gardeners of our country. All of them are vigorous, long-stemmed, showy Daffodils that will give a long season of good flowers. We offer them, packed in our attractive tray cases, at new low prices.

We believe that we give our customers, the leading nurseries and seed stores in the country, a service that no foreign firm can match. We deliver our Daffodils early, in good quality and as smooth looking, nice plump bulbs, unrivaled for both the mailorder trade and for sale over the counter, where impulse-buying is a factor.

The control of the Daffodil fly is now an accomplished fact. This, and further efficiency in production obtained with chemical weed controls, make the American Daffodil production still an economic possibility. We do not sell cut flowers, nor do we ever sell at retail. By simplifying our operations in this way and by keeping our overhead low, we hope to keep going for many years to come, producing only the finest grades of bulbs.

OREGON BULB FARMS GRESHAM, OREGON

Outdoor Culture

Daffodils thrive in any good garden soil, preferably deep well-drained loam. Deep preparation of the soil is necessary, and old rotted manure or compost may be worked in 16 or 18 inches below the surface, so as not to come in direct contact with the bulbs. Fresh manure should never be used.

Plant in the early fall, especially Poeticus types. The more vigorous, larger varieties may be planted as late as December, but early planting is best.

In medium soils, cover the bulbs about twice their depth, and a little deeper in the lighter soils. The average for most sorts is three to four inches from the top of the bulb. Set bulbs at a uniform depth, otherwise they may flower irregularly.

Pot Culture In Pots or Boxes

Daffodils should be potted in September or October in good loamy soil, adding a little sand or leaf mold and a small amount of bone flour. (About two pounds to the bushel of soil.)

The old pots must be washed thoroughly and allowed to dry before using. New pots should be soaked. Provide drainage by placing pieces of charcoal or fragments of pots over the drainage hole. A little ground peat in the bottom regulates drainage, retaining moisture.

After ten or twelve weeks they may be removed indoors for flowering. Select the earliest varieties first, thus extending the flowering season.

Do not bring them into a warm temperature. 50 to 60 degrees is best at first. Do not give any bottom heat. Later, when the flower buds are well advanced, the temperature may be increased to not more than 65 degrees.

Whn the pots are first brought to the light, the tender shoots may be covered for a day or two with an inverted flower pot to prevent injury from light or draft. A little weak liquid manure once a week, until buds burst, will hasten the flowers after growth has started.

Always have plenty of light and air.

Naturalizing

Daffodils planted in clusters in the foreground of shrubbery, or sown broadcast through woodlands, along hillsides, in meadows or lawns, and planted where they fall, give a most pleasing natural effect. They will increase in beauty and number without special care and become permanently established. In heavy soils the most vigorous varieties should be used. More pleasing effects result from grouping the various types, such as all trumpets, all Poeticus types, etc.

Miniatures

They are charming little subjects for rock work, where their dainty flowers are seen to perfection. They should be left undisturbed for years, and if happy, will soon establish themselves and afford a lovely picture in early spring. All the Bulbocodium (except monophyllus) and the Cyclamineus like moisture and should therefore be planted at the foot of the rockery. Bulbocodium monophyllus flourishes in a warm dry sheltered situation planted in almost pure sand; when coming into bloom, give water freely. Triandrus albus (Angel's Tears) and Juncifolius delight in partial shade and a light gritty soil and should be given a well-drained position.

Division

KEY

Trumpet Daffodils

- a) yellow
- b) bicolor
- c) white
- d) others

2 Large-Cupped Daffodils

- a) yellow, cup colored
- b) white, cup colored
- c) white, cup white d) others

Division

- **Short-Cupped Daffodils**
 - a) yellow, cup colored
 - b) white, cup colored
 - c) white, cup white
 - d) others
- 4 Doubles

Triandrus Hybrids

- a) large-cupped
- b) short-cupped

Division

- 6 Cyclamineus Hybrids
 - a) large-cupped b) short-cupped
- Jonquilla Hybrids a) large-cupped
 - b) short-cupped
- Tazetta (Bunch-flowered)
- **Poeticus**
- Species and wild forms 10
- All others

ACTAEA (Lubbe) - The largest Poeticus in existence. Broad snow-white perianth of great substance and good form; the very large eye is broadly margined with dark red. A most beautiful exhibition flower. per 100, \$7.20

1c ADA FINCH (de Graaff)- One of the earliest daffodils to flower. Pure white, overlapping perianth; large, finely shaped trumpet with deeply flanged and rolled rim. The immense flower is carried on a tall, stiff stem and the entire plant is beautifully proportioned. In contrast to many of the British white trumpet daffodils, Ada Finch is pure Ajax and represents the culmination of 50 years of breeding white trumpets. Immensely valuable for breeding as its good characteristics, earliness, size and purity of color are carried over into its seedlings. A.M.H. 1927. F.C.C.H. 1930. per 100, \$15.00

la AEROLITE (de Graaff) - Here is a golden daffodil that is replacing many of the present varieties as it becomes available; the large flower is beautifully proportioned, giving the impression of gracefulness, despite its size; perianth deep primrose, with a pure medium yellow trumpet which is left in bold relief by the broad pointed star formed by the flat opening outer petals, an inch and a half wide; medium early, but remains until late, and is one of the longest lasting of all daffodils either in the garden or after being cut. per 100, \$7.20

- 2a ALAMEIN (Rich.)-A lovely flower of the highest quality, with beautifully smooth, broad, flat clear golden yellow perianth segments, very slightly pointed at the tips, and a rather straight well-frilled medium sized cup of intense deep solid orange-red. Tall, strong-stemmed, vigorous each, \$2.00 plant. A.M. (e) 1945.
- la ALASNAM (de Graaff) Wide, short, densely frilled trumpet of pure deep yellow, a shade deeper than the perianth; finely placed with good neck; flower "looks you in the eye"; excellent for landscape groups, also for forcing; very early and therefore in great demand by discriminating florists who want something earlier and per 100, \$7.20 better than King Alfred.

4 ALBUS PLENUS ODORATUS (Poeticus flore pleno) - Snowy white, sweet-scented, highly recommended, pure white double Poeticus. Flowers satisfactorily only in cool, moist climate.

per 100, \$7.00

- 3a ALCIDA (Backhouse) Giant flower, creamy perianth opening flat, star-shaped, with individual petals over 11/2 inches wide; broad citronyellow cup with blood-orange frill; strong grower, fine substance and wonderfully free-flowering; very late. A.M.H. 1921. per 100, \$6.00
- 2b AZALEA (O.B.F.)-A charming late-season pink daffodil. The perianth is flat and well rounded, of good substance. The cup is quite flared, a deep pink with paler tints as the flower ages but with a more pronounced pink coloring in the rim. Foliage is broad, blue-green and erect.

each, \$2.00

- 1c BEERSHEBA (Engleheart) A magnificent flower, large, perfectly flat perianth, trumpet long and beautifully flanged at mouth. A flower of great size, measuring nearly five inches across; a vigorous grower and a grand exhibition variety. F.C.C., R.H.S., 1926, A.M. (e) 1925, F.C.C. (e) 1926, A.M. (e) 1929. per 100, \$18.00
- 2a BENGHAZI (Rich.) A striking large flower, with rich bright yellow rounded flat perianth and a very large, almost flat crown, heavily banded bright orange-red shading to gold in the center. Tall, strong, very free grower.

each, \$2.00

- la BEN HUR (de Graaff) A glorious "loud speaker" trumpet, deeply frilled of pure Roman gold, $2\frac{1}{2}$ inches across at the mouth; in spite of its immense size the whole flower is finely proportioned, one of the best of the new trumpets. per 100, \$8.00 A.M.H. 1930.
- 6b BERYL (Williams-A lovely little Cyclamineus hybrid bearing graceful drooping flowers with primrose-yellow, slightly reflexing, perianth and small globular bright orange cup shading to gold; ideal for the rock garden and pots; height 8 inches. A.M. 1936. per 100, \$6.00
- 2d BINKIE (Tasmanian)- Rare new color break, the perianth being pronounced lemon-yellow, the large, flaring cup a pale lemon, bleaching to almost pure ivory. Good grower, attractive garden and show plant, highly recommended.

each, \$1.50

- 1b BONINGTON (Radcliff) Attractive bi-color trumpet, pure white glistening petals, cup deep canary yellow. An entirely different type of bicolor trumpet daffodil than Spring Glory, Queen of Bicolors, etc. Good show flower. each, \$2.00
- 2a BOUNTY (O.B.F.)-A tall, very fine daffodil with a soft yellow, broad-petaled perianth that is full and round and slight cupped. The cup is orange with a slightly darker rim, heavily ruffled and expanded to an almost flat inch and a half in diameter. each, \$4.00
- 3b BRIDEGROOM (Brodie) Calvert, A.M. (e) 1929 -Large flower, creamy-perianth, yellow crown, narrow edging of orange, good substance, very late and of great value for exhibition and cutting. per 100, \$30.00
- 3b BRIGHTWORK (O.B.F.)—A rather late colorful daffodil with a very full and substantial purest white, Poeticus-type perianth and with a fluted and pleated cup, yellow in the throat and vermilion red at the rim. Narrow, deep green foliage that is quite erect. each, \$3.00
- 1c BROUGHSHANE (Wilson)-A glorious giant white Ajax of perfect form and balance. The trumpet is widely flanged, reflexed and frilled but does not overbalance the immense perianth, which is fully $5\frac{1}{2}$ inches in diameter, the outer segments being up to 21/4 inches wide. The great flower, which is of immense substance and is quite exceptionally durable, is carried on a strong stem well over two feet high, while the foliage measures as much as 13/4 inches in breadth. Plant of immense vigor. A.M. 1943, A.M.H. 1948.
- 2b BRUNSWICK (Williams) Flower of good form, balance and proportion, well posed on a tall strong graceful stem. Well modeled flat clean-cut cold white perianth of very firm texture and a perfectly balanced crown that is nicelyflanged and frilled. Clear icy white in the base, gradually shading up to sharp very green lemon at brim. Extraordinary lasting power. F.C.C. 1939. Each, \$1.00
- 10 BULBOCODIUM CONSPICUUS-The yellow Hoop Petticoat, flowers rich golden yellow, of hoop-petticoat form and rush-like foliage. Height 6 inches. It blooms from the end of February to early in March, and prefers a sandy peat soil with a fair amount of moisture while in growth, but not in summer; no manure should be given. per 100, \$5.00

- 2a CALIFORNIA GOLD (Barr)-The outstanding yellow Incomparabilis in our 1954 trials. Perianth very smooth and circular, of deepest gold, well proportioned deep rich orange-red cup. Strong grower with very stiff stems, excellent form and habit. Flowers short-necked and carried well above the foliage. In our opinion the very best of the many yellow-red flowers introduced in England. Holds its color well and should prove invaluable for breeding. each, \$2.40
- 10 CAMPERNELLI PLENUS The tall double Campernellii Jonquil, a very charming variety, bearing on tall graceful stems heads of fragrant double yellow flowers of elegant form, height 15 inches. It makes an attractive pot and border plant, and will bear gentle forcing.

per 100, \$6.00

- 10 CANALICULATUS A dainty little Polyanthus Narcissus from Mentone, suitable for sunny situations in the rock garden; it has narrow erect bluish green foliage and bears heads of three to four flowers with white perianth and globular golden cup, sweetly scented; height 6 inches. per 100, \$5.00
- 2a CARBINEER (A. M. Wilson) A magnificent flower of splendid carriage and great substance. Broad flat golden-yellow perianth standing at right angles to the large bright orange-red cup. F.C.C. 1938, A.M. 1931. per 100, \$12.00
- a CARLTON (Williams)—A fine clear yellow selfcolor of great size. Flat overlapping perianth and large expanded crown frilled at brim, a magnificent plant of great vigor. A.M. (g) 1936, F.C.C. (g) 1939. per 100, \$8.00
- 5a CATHEDRAL (O.B.F.) Short-stemmed, pure white N. triandrus hybrid with broad, bellshaped cups and fully rounded perianths. This lovely rock garden plant resembles Moonshine but is of a far purer white. The foliage is bluegreen, quite broad and erect. each, \$4.00
- 2b C. E. BAILEY (Bailey-O.B.F.)—The finest of the many pink daffodils raised by the late C. E. Bailey of Portland, Oregon. The slightly wavy perianth is ivory-white; the cup is ivory-yellow on the outside and a rich cream-pink inside with a broad, heavily fringed rim of pure rose. The foliage is of medium width, blue-green and erect. This is a very late-flowering daffodil that has great charm and we recommend it to you.

each, \$1.50

3b CHARMANT (de Graaff)-A well-rounded, substantial flower carried on a tall stiff stem. Perianth purest white, crown a bright scarlet-red. each, \$1.20

Division

KEY

1 Trumpet Daffodils

- a) yellow
- b) bicolor
- c) white
- d) others

2 Large-Cupped Daffodils

- a) yellow, cup colored
- b) white, cup colored
- c) white, cup white
- d) others

Division

- 3 Short-Cupped Daffodils
 - a) yellow, cup colored
 - b) white, cup colored
 - c) white, cup white
 - d) others
- 4 Doubles

5 Triandrus Hybrids

- a) large-cupped
- b) short-cupped

Division

- 6 Cyclamineus Hybrids
 - a) large-cupped
 - b) short-cupped
 - Jonquilla Hybrids
 - a) large-cupped
 - b) short-cupped
- 8 Tazetta (Bunch-flowered)
- 9 Poeticus
- 10 Species and wild forms
- 11 All others

- 4 CHEERFULNESS (Van der Schoot)—The Double Elvira, a very pleasing double white Poetaz, good stems, a fine garden and show flower. F.C.C. 1939, A.M. (e) 1926, A.M. (g) 1935. per 100, \$6.00
- 2a CHEERIO (Brodie)—Fine, colorful garden variety of merit. The immensely broad, quite circular, soft yellow perianth has great substance. The widely expanded, frilled bowl-shaped crown is a bright orange-red. Tall, vigorous and a good increaser. A.M. (g) 1941.
- 3c CHINESE WHITE (Guy L. Wilson)—A very large flower of quite faultless form and quality; absolutely pure white throughout except for a faint touch of green in the eye; very broad circular satin-smooth perianth of great substance fully 4½ inches in diameter. Perfectly proportioned shallow fluted saucer cup. A superb show flower and quite unique. This is the first really flat crowned Leedsi and should be extremely valuable for breeding. A.M. 1946, F.C.C. 1949.

each, \$5.00

- Ib CHULA (O.B.F.)—A very tall, well-poised, early bicolor daffodil that holds great promise as a show and forcing flower. The broad, flat perianth frames a well proportioned fluted trumpet of a rich cream-yellow with slightly darker rim. Very resistant to sun and weather, it stood out among our trials as unusually long-lasting and vigorous.

 each, \$3.00
- 2b CIRCUS CLOWN (O.B.F.)—A tall, mid-season, free flowering plant with a pure white, substantial perianth that is slightly cupped forward. The cup is quite unusual in coloring and form, for it is striped white and orange and has a really double John Evelyn-type ruffle. More of a curiosity than a show-flower, it does present a gay and colorful picture in the garden. each, \$3.00
- 2b CONCERTO (O.B.F.)—Flat white perianth with pointed petals of good texture. The trumpet is ivory, nicely flanged and ruffled at the mouth. A fine, very early daffodil with large flowers of good poise.

 each, \$4.00
- 2b CORALIE (Australian) A very pretty short-cupped pink daffodil, sent to us by Alister Clark. The petals are pure white and rather pointed, the short cup is of a soft rose-pink color, flaring and frilled. Fine exhibition flower and good pollen parent.

- 1c CORINTH (Brodie)—An immense flower, very stiff substance, fine broad, flat white perianth, standing at right angles to the bold ivory trumpet. per 100, \$60.00
- 2b COVERACK PERFECTION (Brodie) Calvert 1930, A.M. 1934 Broad, white perianth, with large shallow saucer crown, edged and flushed with pale salmon-gold; striking. per 100, \$50.00
- 2b COVER GIRL (O.B.F.)—A dainty little daffodil with slightly waved, white perianth and the cup is colored an iridescent pink, darkest at the delicately fringed rim. Very late. each, \$3.00
- 2b DAISY SCHAFFER (de Graaff)—One of the best of the remarkable new Giant Leedsii type; the flower 4½ inches across, with cup nearly 2 inches resembles a Giant Trumpet, but much more graceful in form; perianth pure white, with cup opening primrose and turning to light canary-yellow, deeper at the base; long, lemon-yellow stigma and styles add to the color harmony of this remarkable flower; undoubtedly a leader for years to come. F.C.C. 1933, Gold Medal 1935. per 100, \$12.00
- 2a DAMSON (Williams)—A striking flower of very brilliant color and fine substance, broad creamy white perianth shaded yellow at base, long cup of an intense deep fuchsia-red. A.M. (e) 1925, A.M.H. 1930. per 100, \$6.00
- 4 DAPHNE (Culpin)—The most promising novelty of this division, pure white, sweet scented, large double flowers, early forcer. A.M. (m.e.) 1913, F.C.C. (c) 1924, A.M.H. 1928, F.C.C.H. 1929. per 100, \$9.00
- 2b DARING (O.B.F.)—A rather small but deeply pink daffodil that has great charm. The perianth is white with pointed, slightly cupped petals. The trumpet opens a salmon shade but turns to deep pink with an even darker edge, which is slightly laciniated and ruffled.
- 1a DAWSON CITY (van Tubergen)—A fine garden variety of excellent quality and of value for exhibition. Broad flat perianth of smooth substance, well-formed flanged trumpet, of a self golden-yellow. A.M. (e) 1925, A.M. (g) 1930. per 100, \$8.00

- 3a DIANA KASNER (Backhouse)—A cream-yellow perianth and a large fluted yellow cup with blood-red frill, very free-flowering and an excellent forcer.

 per 100, \$6.00
- 2b DICK WELLBAND (Backhouse de Graaff)—
 One of our finest introductions, very strong grower and exceptionally free-flowering. The perianth is pure white and the cup flame orange. One of its most remarkable qualities is that the color does not fade but rather intensifies with age. The flower lasts unusually long and we believe that this variety will be of greatest value both for greenhouse work or for the outside. Its great beauty lies in the startling contrast between petals and cup which makes it stand out in the largest collection of daffodils. A worthy companion to Francisca Drake. A.M.H. 1931.

 per 100, \$6.00
- la DIOTIMA (de Graaff) Considered by many experts as the very best of the new super-giant yellow trumpets; despite its huge size (perianth being five to six inches across) the whole flower is beautifully proportioned and is carried gracefully on flattened tapering stems, two feet tall, entirely free from the amaryllis-like stiffness of many of the giant trumpets; the broad overlapping petals form a star-shaped perianth of medium deep primrose, trumpet somewhat more deeply colored; undoubtedly one of the topnotchers for many years to come. per 100, \$12.00
- 3c DISTINGUE (Backhouse) Large, perianth is widespread, pure white color, smooth texture, cup is tinged with pale lemon. per 100, \$50.00
- 2b DUKE OF WINDSOR (Uittenboogaard) —
 Broad, white, overlapping perianth and large,
 short and flaring yellow cup. We have only a
 small stock of this variety and cannot quote it
 competitively. per 100, \$30.00
- 2b E. H. WILSON (de Graaff)—Of most lovely form and perfect texture, broad overlapping pure white perianth but distinctly star-shaped as petals are nicely pointed. Crown light yellow but passing to ivory, shallow and fluted at margin. A fine, tall garden plant of unusual substance and great merit. The flowers last unusually well and are magnificent for show purposes as well as for home decoration. A.M. 1936. per 100, \$6.00
- 3c FIRETAIL (Crosfield)—Deservedly popular the world over; broad petaled creamy-white perianth and large orange cup with scarlet-orange frill. F.C.C.H. 1925. per 100, \$9.00

- 6a FEBRUARY GOLD (de Graaff) A.M. 1928—A little known, extremely early blooming, small golden daffodil. The perianth is rather starshaped, the nicely fluted, straight trumpet is tinged with orange. A hybrid between N. cyclamineus and a trumpet daffodil, it has retained all the earliness of its parents and forces extremely well. Start a few bulbs in pebbles and water in November, keep bowls or pans in a dark, cool place for three weeks and then bring into light. Or, plant from three to six bulbs in a pot in October and keep pot in a cool, dark place, watering as needed. They will easily bloom by Christmas. February Gold is one of our own introductions.
- 2a FORTUNE (Ware)—Broad creamy yellow perianth of very solid texture, crown of great size and elegant form, opening at mouth and beautifully frilled, of a glowing soft orange. A Giant Incomparabilis of perfect form, early, a strong grower. Undoubtedly will soon become one of the more popular varieties. F.C.C. 1924 (e.g.c.). per 100, \$9.00
- 2a FORTUNE'S BOWL (Brodie) Calvert—A good yellow perianth and deep red cup. A.M. (m) 1940, the finest of the Fortune seedlings.

 per 100, \$21.00
- 2a FORTUNE'S CREST (Brodie) A.M. (e) 1931—Good yellow perianth and deepest solid red cup of any flower yet raised from Fortune.

 per 100, \$50.00
- 5a FORTY-NINER (O.B.F.)—A rather early, very short N. triandrus hybrid with pale sulphur-yellow flowers. The cup is long and bell-shaped, nicely fluted. As many as four flowers per stem. The narrow foliage is deep green and lax, a good grower and most attractive little plant for the rock garden.
- 2b FRANCISCA DRAKE (Backhouse)—Impossible to describe adequately the beauty of this unusual flower of a distinct new type; the pure white perianth petals are of unusual substance, an inch and a half wide, and tinted gold at the base, which shows through on the outside; the cup, wide and deep, is golden yellow at the base, changing gradually to flame orange at the densely frilled edge; the flowers are held well above the fine foliage and give the effect of a flock of white seagulls taking flight; stronggrowing and very free-flowering. A.M. 1926. per 100, \$6.00
- 2a GALWAY (Rich.) F.C.C. (e) 1948 A glorious tall strong-stemmed intense self-golden flower, bordering on true trumpet daffodil proportions; broad smooth perianth, well-flanged trumpet crown. Splendid size, build, proportion, stature and color; a magnificent garden plant and a grand show flower.

 each, \$3.00

Division

KEY

1 Trumpet Daffodils

- a) yellow
- b) bicolor
- c) white
- d) others

2 Large-Cupped Daffodils

- a) yellow, cup colored
- b) white, cup colored
- c) white, cup white
- d) others

Division

- 3 Short-Cupped Daffodils
 - a) yellow, cup colored
 - b) white, cup colored
 - c) white, cup white
 - d) others
- 4 Doubles
- 5 Triandrus Hybrids
 - a) large-cupped
 - b) short-cupped

Division

- 6 Cyclamineus Hybrids
 - a) large-cupped
 - b) short-cupped
 - Jonquilla Hybrids
 a) large-cupped
 - b) short-cupped
- 8 Tazetta (Bunch-flowered)
- 9 Poeticus
- 10 Species and wild forms
- 11 All others

- 3b GARDEN OFFICER (Lefeb.) An attractive short-cupped daffodil which stands out for its perfect form and habit. One of the rare short-cupped daffodils that really looks up. The perianth is of a soft ivory, the cup which is nicely frilled has a yellow center and a narrow red edge. Not a spectacular show flower, but one that deserves and merits your attention. per 100, \$16.00
- 8 GERANIUM (v.d. S.) A.M.H.—One of the newer Dutch Tazetta Hybrids with from five to seven large flowers per stem. The petals are rounded and overlap, the short, flat red crown is orangered. A good variety for late forcing in pots and pans but equally outstanding in the garden and for exhibitions.

 Per 100, \$8.00
- 2c GERTIE MILLAR (de Graaff) Wonderful flower of the new Giant Leedsii type with pure white perianth similar to and as large as Van Waveren's Giant, with beautifully proportioned pale primrose cup deeply fluted and frilled and of translucent texture; unusually long pistils and anthers match these colors perfectly; a most handsome flower. A.M.H. 1930. per 100, \$9.00
- la GOLDEN HARVEST (Warnaar) E.F.A.H. 1928

 —Undoubtedly one of the largest trumpet varieties in existence. The perianth is well formed and overlapping; the trumpet is of good shape and proportion, rolled back at the brim. The color is deep golden-yellow. Opens before Golden Spur.

 per 100, \$10.00
- 7c GOLDEN PERFECTION (de Graaff)—A perfect perianth with wide overlapping segments, deep citron-yellow with mica sheen and cup of pure gold perfectly proportioned to balance of flower; calyx grey-green flecked with gold; unique in its class. F.C.C. 1926. A.M. (g) 1934. per 100, \$6.00
- la GRAPEFRUIT (Lubbe) F.C.C.H. 1944—One of the outstanding new daffodils of novel coloring. The large, well proportioned flower is of a cool uniform lemon-green color, bleaching to almost true ivory with age. Has unusual lasting power and while it opens early, it will stay in good condition for weeks. We have found that the plant grows best when left undisturbed for two or three years, which gives it added value as a fine garden variety.

- 2b GREEN ISLAND (Rich)—A sensational flower of very large size, great substance and waxen smooth texture. Smooth rounded white segments of such immense width that they form an almost complete circle. Well proportioned shallow bowl-shaped frilled cup, greenish white at base, inside passing to white, which in turn passes to a band of clear, cool, greenish lemon at the margin. Short-necked on a tall, long stem. Plant of great vigor. P.C. 1940. Best flower in London Show 1940.
- 2b GREMLIN (O.B.F.) A late, attractive, little plant with white, star-shaped perianth and cylindrical small, fluted and slightly fringed cup, opening yellow, then turning to buff and finally developing an attractive, strongly rose-colored rim. Not spectacular but a lovely garden plant.

 each, \$3.00
- 2b HADES (Backhouse) A flower of wonderful color, large creamy white perianth of excellent substance, large expanded crown of a real deep cherry-red, height 24 inches; a very strong, vigorous variety which holds its color exceptionally well. A.M. (e) 1928. per 100, \$9.00
- la HALLOWEEN (O.B.F.) An extremely early yellow trumpet daffodil of merit. The broad, flaring trumpet is of a rich deep yellow color; the slightly paler perianth is well-rounded and quite smooth. Fine substance, tall and large.

 each, \$5.00
- lc HIGH SIERRA (O.B.F.) The earliest white trumpet daffodil of all we grow. Tall and large, it has an ivory-white perianth of good substance and a pale ivory trumpet with a large flare to it that is most attractively proportioned. Stands up well in rough weather; the foliage is broad, deep blue-green and erect an improved ADA FINCH.
- la HUNTER'S MOON (Brodie)—Bred from Brimstone by Moongold. A perfectly lovely trumpet arrayed in graded tints of clear shining luminous lemon, perhaps most intense at the outer edge of the beautifully flanged and serrated trumpet and paler at the edge of the petals. Grand flower for cutting. Vigorous and free blooming; extraordinary durable and a most beautiful garden plant. A.M. 1943.

- 1b INDISCREET (O.B.F.) A mid-season pink trumpet daffodil. The perianth is white, slightly waved and semi-rounded. The trumpet is a startling lingerie-pink and the rim is nicely fringed. A small plant but of remarkable intensity of color.
- 4 INGLESCOMBE (Walker)—Nice, pure yellow, fully double that might be called a yellow "The Pearl". A.M. (market variety) 1931.

per 100, \$9.00

- 4 IRENE COPELAND (Copeland) Large full double snow-white flowers with primrose markings; a lovely and distinct variety with strong rigid stems. A.M. 1925. per 100, \$6.00
- 2b JOHN EVELYN (Copeland)—Deservedly an international favorite; outstanding among the new Incomparabilis hybrids; flatly opening perianth, 4 to 5 inches across, with a flat cup nearly 2 inches in diameter, densely frilled, the perianth being pure white, without a trace of shading, and the cup lemon-yellow and fluted or shirred to the base; good neck; strong grower; free-flowering and a good propagator; one of the greatest daffodils of the present day and for years to come. F.C.C. 1924.
- 10 JONQUILLA SIMPLEX—The true single sweet jonquil, of light elegant growth, bearing out of doors in May charming clusters of numerous small rich yellow flowers of delicious scent.

 per 100, \$5.00
- 10 JUNCIFOLIUS The miniature rush-leaved daffodil, a charming and elegant species for pots or select spots in the rock garden; it has small rich yellow flowers rather smaller than a jonquil with a dainty little flattish crown; height 3 to 4 inches, delicately fragrant; a native of the Pyrenees.

 Pyrenees.

 per 100, \$9.00
- 1a KANDAHAR (Brodie) A gorgeous and most striking giant trumpet of immense size, great substance, and pure deep solid self gold color; immense vase shaped trumpet and wide spread perianth, very tall and strong. per 100, \$75.00
- 1a KING ALFRED (Kendall) F.C.C. 1899 The most popular daffodil in the world and one that even today holds its own against all comers in every flower market. Because of its large size, its golden yellow color and its informal, pleasing shape it has become the universal favorite and is sold in larger quantities than any other daffodil. per 100, \$7.20
- 8 KLONDIKE (Van der Schoot) Rich yellow perianth, darker cup, one of the finest yellows. per 100, \$6.00

- 2a KRAKATOA (Rich.)—Quite the most outstanding novelty imported by us during the past few years and probably the finest new daffodil introduced since Fortune, which was one of its parents, appeared twenty-five years ago. On the few occasions that it has been exhibited it has created a sensation. An immense flower with broad overlapping deep golden yellow perianth of fine substance and quality; the very widely expanded cup is bright flaming orange-red, beautifully flanged at the mouth. Flowers are short-necked, well posed on strong, stiff stems; fine robust plant; flowers and increases very freely. F.C.C. 1943.
- 3b LADY KESTEVEN (Backhouse-de Graaff) 1933 This is undoubtedly one of the very finest Barriis introduced by us. Words fail to describe this wonderful daffodil adequately. Suffice it to say that the perianth is pure white, well formed and substantial and that the cup is of the very deepest red ever seen in a daffodil. We are proud of the fact that we can introduce this beautiful daffodil to the United States, and though as yet it is too expensive to be forced for shows, we hope in a few years to be able to distribute it more freely. We believe that this is one of the most promising Barriis for hybridizing purposes, especially since the color does not seem to fade in the sun. A.M.H. 1931. per 100, \$15.00
- 8 LAURENS KOSTER (Vis)—Creamy white perianth, lemon-yellow cup, free-flowering, recommended. per 100, \$5.00
- lc LA VESTALE (de Graaff)—Giant trumpet type with pure ivory white perianth, of informal design, with trumpet of deep cream yellow, tall, fine for small groups or naturalizing in dim shade; though of delicate appearance, it is of extra good substance and lasts well; very early. A.M. 1923. per 100, \$10.00
- 3b LIMERICK (Richardson)—A very lovely flower, raised from Folly and Hades. The broad, flat perianth is pure white and the large, absolutely flat eye is intense dark cherry-red. A wonderful contrast in colors, one of the best we have seen. Very late.

 per 100, \$75.00
- 8 L'INNOCENCE (v.Z.) A very free-flowering new Poetaz of great merit for early forcing. The perianths are well rounded and the cup of a soft orange-red. This is one of the newer varieties that are now replacing Laurens Koster.

per 100, \$6.00

Division

KEY

1 Trumpet Daffodils

- a) yellow
- b) bicolor
- c) white
- d) others

2 Large-Cupped Daffodils

- a) yellow, cup colored
- b) white, cup colored
- c) white, cup white
- d) others

Division

- 3 Short-Cupped Daffodils
 - a) yellow, cup colored
 - b) white, cup colored
 - c) white, cup white
 - d) others
- 4 Doubles
- 5 Triandrus Hybrids
 - a) large-cupped
 - b) short-cupped

Division

6 Cyclamineus Hybrids

a) large-cuppedb) short-cupped

7 Jonquilla Hybrids

a) large-cuppedb) short-cupped

- B Tazetta (Bunch-flowered)
- 9 Poeticus
- 10 Species and wild forms
- 11 All others

2b LOVENEST (Backhouse) — One of the older members of the "pink daffodil" class; among the daintiest of all the trumpets; medium in height with a starry shaped perianth of informal type; nicely proportioned trumpet of saffron yellow turning to apricot pink; delightfully charming at all stages; very early. A.M. 1925.

per 100, \$10.00

- 2b MABEL TAYLOR (Clark) A tall midseason pink with the shape and proportions of Tunis. Large flowers, well balanced on tall, stiff stems. Perianth is cream-colored, the cup large and expanded, soft yellow with a broad rose-pink band which is nicely frilled. In our experience a most valuable daffodil for breeding as it has many good qualities and seems well adapted to our climate.
- 3b MAGIC FIRE (de Graaff-O.B.F.) Striking flower of exceptional substance. Pure white, well overlapping and broad perianth, small cup with fiery red rim. One of the finest show flowers we have raised.

 per 100, \$6.00
- lb MAGIC PINK (O.B.F.)—One of our very best late mid-season pinks. The perianth is white, well-pointed and substantial. The trumpet is long and heavily frilled at the mouth, pink blush throughout the trumpet with a rose band blended in at the mouth. As the flower develops an effervescent blending of pink colors lights up the interior of the trumpet. The foliage is broad and of a deep, blue-green color.

each, \$6.00

- 4 MARY COPELAND (Copeland)—One of the famous varieties of the new double type, this variety has been termed the most striking double in cultivation; the longer petals are pure creamwhite with a golden ray down the center, interspersed with shorter petals of lemon and brilliant orange, giving a three-color effect; unsurpassed for the garden or the show bench. F.C.C. 1926.

 per 100, \$15.00
- 3b MATAPAN (Richardson) A lovely quality show flower of medium size, with flat, very round, beautifully smooth, purest white perianth and a flat crown of intense crimson. Very early for this type of flower. Best flower Competitive Classes. R.H.S. in 1941.

- la MOONGLOW (O.B.F.)—One of our unusually attractive, uniformly sulphur-yellow colored trumpet daffodils. Good form and substance. As the flower develops the trumpet turns a pale ivory except at the rim which is laciniated and ruffled.

 each, \$4.00
- 5a MOONSHINE (de Graaff)—A beautiful Triandrus hybrid, star-shaped creamy white flower, often 3 to a stem, drooping gracefully, very beautiful and a great favorite, especially for the rock garden or for naturalizing in the shade. A.M. 1930. per 100, \$6.00
- lc MORAY (Brodie)—A large, pure white daffodil that resembles the old Tenedos but is a much better flower, larger, whiter and of greater substance. The perianth is rather star-shaped, the cup or trumpet is long and well-shaped.

each, \$6.00

- 4 MOULIN ROUGE (Backhouse) Very lovely double, long primrose petals shading to cream down the center, short petals deep yellow-orange, giving a tri-color effect; light citron-yellow overlapping perianth, orange cup freely frilled; very late. A.M. 1926. per 100, \$6.00
- Ic MOUNT HOOD (v. Deurs.)—Pure ivory white, overlapping perianth with large creamy white trumpet, heavily flanged and imbricated at mouth changing to pure white when fully in bloom. A.M.H. 1937. per 100, \$20.00
- lc MOUNT WHITNEY (O.B.F.) A tall, late, white trumpet daffodil. The very broad and full perianth is slightly waved; the trumpet opens ivory but quickly develops into a pure white. Irregular ruffles at the mouth. Foliage is wide, blue-green and erect. Very nice and impressive. each, \$6.00
- 1c MRS. E. H. KRELAGE (Krelage)—Really a pale bicolor, but changing to a uniform ivory white. Smooth waxy texture and good form. F.C.C. 1939. per 100, \$9.00
- lc MRS. R. O. BACKHOUSE (Backhouse)—This is the famous "pink daffodil"; fine informal perianth of ivory white, and beautifully proportioned, slim long trumpet, apricot pink, changing to shell pink at the deeply fringed edge, delicately beautiful but of exceptional substance; long lasting; early; belongs in every collection. A.M. 1923. per 100, \$10.00

- 3b MRS. NETTE O'MELVENY (Backhouse) Surely the "little people" must have been abroad frolicking in the moonlight, when this fairy flower was born; a dancing daffodil with pure white perianth and cup of clear lemon-yellow, with orange picotee; splendid foliage, tall, graceful stem and good neck; in every way a delightful flower and sure to become immensely popular.

 per 100, \$6.00
- 2b NOVA SCOTIA (Backhouse) A.M.H. Very large flat golden-yellow cup with heavily fringed deep orange margin, perianth creamy white.

 per 100, \$6.00
- 2b PEACHES AND CREAM (O.B.F.)—A very free-flowering, attractive plant. The perianth is flat, white, well-pointed and of good substance. The cup is small with but a slight flare to it. Pale peach with deeper peach-pink ruffles. The foliage is tall, heavy and deep green. Short neck and good form make this a fine garden plant.
- 1a PEER GYNT (O.B.F.)—A tall, large flower with a pale sulphur-yellow perianth. The medium yellow trumpet fades to match the perianth. Flowers unusually long lasting and durable. We can perhaps best describe this as a fine lemonyellow King Alfred, a clean and gay plant.

 each, \$6.00
- 4 PINK CLOUD (O.B.F.)—The first of the pink doubles, this is a rather short, well-formed flower with loosely arranged mixed apricot-pink and white petals. We know that this is not going to be a world-famous variety but it has charm and seems to grow well.
- 2b PINK DIAMOND (O. B. F.) Outstanding among all our pink seedlings for its clean, gay appearance. The perianth is waved, well rounded, ivory-white of good substance; the trumpet opens a pale yellow with a heavily frilled and folded broad rim of pure pink. Medium-wide, bluegreen foliage. Grows well and looks up. A fine novelty.
- 2b POLAR STAR (O.B.F.)—A late, tall very pretty and gay flower. The perianth is white, starshaped, flat and substantial. The trumpet is of the TUNIS type, opens yellow and develops to white with a golden rim. The foliage is heavy, blue-green and erect. This is a good grower and a fine show daffodil.

 each, \$3.00
- 2b PROMISSO (Alister Clark)—Very tall, well proportioned, the earliest good pink daffodil to flower for us. each, \$2.00
- 1b QUEEN OF BICOLORS (Dutch)—Large, bold, golden yellow trumpet; perianth creamy white, stained yellow at base. per 100, \$15.00

- 10 RECURVUS (Old Pheasant's Eye) Perianth pure white and reflexing eye margined deep orange-red, very fragrant; a favorite old variety.

 per 100, \$6.00
- 2b RED BIRD (de Graaff) F.C.C. 1938—Leading variety among recent introductions, the well-rounded, overlapping petals are of a fine white solid texture in sharp contrast to the firey orange-scarlet cup. per 100, \$9.00
- 4 RIOTOUS (O.B.F.) An early, tall and very large semi-double of good form. The darker yellow center is interspersed with petals of the sulphur-yellow perianth color. Short neck and good carriage. The foliage is wide, blue-green and erect. A fine double daffodil. each, \$3.00
- 2b ROMAN CANDLE (O.B.F.)—A grand pink daffodil with a well-rounded white perianth that cups slightly forward. The trumpet is broad and fully flared and ruffled. Opens apricot-pink but intensifies as the flower develops to a uniform rich pink, fading at the very last to a soft shell pink. Broad, erect, deep blue-green foliage. Tall and vigorous, this is one of the best in our trials.
- 2a ROSSMORE (Rich.)—A very bright early flower; smooth flat rounded bright yellow perianth and a goblet-shaped cup of intense deep orange-red. each, \$2.00
- 2a ROUGE (Wil., G.L.)—A striking novel and distinct "break" in narcissus coloring; the widespread perianth is yellow overlaid with pinkish buff tones. The expanding cup is of a deep, rather brilliant orange-red. This variety invariably elicits much comment at shows and since it is early, vigorous and blooms and increases freely it may well be a good market flower of the future.
- lc ROXANE (van Tub.) A large creamy white trumpet with round overlapping, pure white perianth. A.M.H. 1926, F.C.C.H. 1930. per 100, \$12.00
- 4 ROYAL SOVEREIGN (Copeland) Valuable addition to the Twink group of semi-doubles, most graceful of all in form, and the most charming, if not the most striking, in coloring; creamy white interspersed with crinkled and frilled trumpet petals of primrose-yellow, shading to pale primrose as the flower develops; a daffodil appealing to every flower lover's fancy. A.M. (e) 1914.
- 2a RUSTOM PASHA (Miss Evelyn) A large flower with most intense color, absolutely sunproof. The large perianth is deep golden yellow, and the rather long crown, deepest solid orangered. F.C.C. R.H.S. 1954: per 100, \$30.00

Division

KEY

1 Trumpet Daffodils

- a) yellow
- b) bicolor
- c) white
- d) others

2 Large-Cupped Daffodils

- a) yellow, cup colored
- b) white, cup colored
- c) white, cup white
- d) others

Division

- 3 Short-Cupped Daffodils
 - a) yellow, cup colored
 - b) white, cup colored
 - c) white, cup white
 - d) others

4 Doubles

5 Triandrus Hybrids

- a) large-cupped
- b) short-cupped

Division

- 6 Cyclamineus Hybrids
 - a) large-cupped
 - b) short-cupped
- Jonquilla Hybrids
 - a) large-cuppedb) short-cupped
- B Tazetta (Bunch-flowered)
- 9 Poeticus
- 10 Species and wild forms
- 11 All others

2a ST. EGWIN (Williams) – Perfect quality, uniform soft yellow throughout, perianth segments overlapping, great substance. F.C.C. 1936.

per 100, \$9.00

- 2a ST. ISSEY (P. D. Williams)—A magnificent yellow Incomparabilis of great quality, with unusually round, overlapping smooth perianth and a rather straight crown, nicely serrated at the mouth. A.M. (e) 1938.
- 2a SCARLET ELEGANCE (Will., P.D.)—A really graceful, rather informal, daffodil with pointed, slightly twisted golden yellow petals and a vivid orange-red, expanded and fluted cup. By no means a show flower of classical proportions, it is just the same a handsome daffodil for cutting and since it is very free-flowering a good garden plant. F.A.H. 1939. per 100, \$7.50
- 2a SCARLET LEADER (de Graaff)—One of the most sensational flowers of recent years. Vivid red, well expanded cup and pure white, overlapping perianth. Excellent show flower, good sturdy plant. A.M.H. 1931, F.C.C.H. 1938. per 100, \$15.00
- 5b SILVER CHIMES (Martin)—One of the prettiest of the small-cupped Triandrus hybrids, being a cross of Triandrus calathinus and Polyanthus Grand Monarque; frequently produces heads of six or more flowers with pure white perianth and delicate pale primrose cup; an ideal and most beautiful plant to grow in pots in a cool greenhouse. A.M. 1922. Round bulbs only.

 per 100, \$8.00
- 2b SILVER STAR (Backhouse) Perfect broadpetaled star-shaped perianth of pure creamwhite, with finely proportioned, wide-mouthed trumpet of primrose, changing to cream-white, just a shade deeper than the perianth; extra fine, and free flowering, very fragrant. per 100, \$6.00
- 2b SOUTH PACIFIC (O.B.F.)—An extremely early and good daffodil. The perianth is a perfect star and has great substance; the cup, of the SILVER STAR type is a soft, even yellow. Among great competition this one stood out with distinction; we recommend it.

 each, \$4.00

- 5b STOKE (P. D. Williams)—A lovely pale yellow N. triandrus hybrid that can best be described as a sulphur-yellow Thalia. We consider Stoke one of the finest garden daffodils; it naturalizes readily and is an exceptionally graceful flower for spring flower arrangements. per 100, \$24.00
- la SUCCESSOR (de Graff) A very late, deep golden yellow daffodil with remarkably good texture. Exceptional for late forcing in pans or for garden use where its late flowering is an added attraction. per 100, \$7.20
- 4 SUNBURST (O.B.F.) A very tall, very large and very vigorous double. This really huge peony-type flower is well poised on its very tall stem and yet will stand rain and wind well. The pale sulphur-yellow guard petals have a center of darkest, richest yellow and sulphur petals intermingled. The foliage too is large, blue-green and very erect. Undoubtedly the largest double yet raised.
- 4 SWANSDOWN (Brodie) The most striking novelty in this group. A very beautiful double with large milk white flowers of fine substance. The petals are exceptionally broad and form a perfect saucer as a background for the white feathery looking inner petals. Carried on a stiff stem and short necked. This flower will doubtless have a great market value. P.C. (e) 1940.
- 2b SWEET TALK (O.B.F.)—A tall, very late pink daffodil. The pure white perianth is of good form and substantial; the cup is a pure white with a dark pink crisply fluted edge. A magnificent show flower and ideal for flower arrangements.

 each, \$6.00
- 4 TEXAS (Backhouse)—Taller growing and of better form than Indian Chief; pale yellow interspersed with brilliant orange. F.C.F.A.H. 1938. per 100, \$9.00
- 5a THALIA (van Waveren)—Two or three lovely pure white flowers per stem, 2 inches or more across, making a beautiful cluster. Very suitablé for the rock garden or for forcing. per 100, \$7.00
- 3b TONTO (O.B.F.) A Poeticus-white perianth that is smooth and rounded and a fiery orange-vermilion, very heavily frilled and fringed cup make this an outstanding show daffodil. Broad foliage and a vigorous grower. We recommend this one.

- 7b TREVITHIAN (Williams)—One of the best of the short-crowned Hybrid Jonquils raised by the late P. D. Williams; an extremely fine free-flowering garden plant producing two or more sweetly scented flowers on a stem; broad overlapping perianth of smooth texture and shallow crown, of a pale self lemon-yellow throughout. F.C.C. 1936, F.A.H. 1938. per 100, \$6.00
- 10 TRIANDRUS ALBUS—The dainty little "Angel's tears" daffodils were found by the late Mr. Peter Barr in the mountains of Spain and Portugal, growing in very hard, firm gritty soil, sometimes in the narrowest fissures of granite slatestone rocks. They make beautiful pot-plants and do very well in the rock garden where they form a picture of grace and beauty. They prefer shade, a gritty soil and a well-drained position; no manure should be given.
- 10 TRIANDRUS CALATHINUS One of the most beautiful little daffodils in existence. The flowers, which are produced in drooping clusters of two or three, are snowy-white, and more than twice the size of Triandrus Albus, with long goblet-shaped crown prettily fluted; the foliage has a curious habit of curling over, height 7 inches. For pots and the rock garden it is a perfect gem. This beautiful little daffodil thrives best in a mixture of leaf-mould, heath soil and coarse sand, with just a little bone flour added; no other manure should be given. The late Mr. Peter Barr collected this rare daffodil some years ago on one of the sea-swept Glenan Isles (off Brittany). Unfortunately it is no longer found there, the sea having washed away all trace of this little species. It is, however, readily raised from per 100, \$30.00 seed.
- 1b TROUSSEAU (P. D. Williams)—An exquisite Bicolor trumpet of superb quality and finish; perfect form, great substance and satin-like texture. Very broad smooth flat pure white perianth, and well proportioned straight neatly flanged trumpet which opens soft yellow and passes gradually to a most lovely rich buff rosy cream, entrancingly rich and delicate in effect. The large flowers, which are exceptionally durable, are perfectly posed on strong stems. Vigorous plant with blue-green foliage. A.M. (e) 1945, F.C.C. (e) 1947.
- 2b TUNIS (P. D. Williams)—A large tall robust growing Leedsii of most distinct character and great lasting substance; broad waved white perianth and large bold ivory crown with handsome flanged and serrated brim, retaining a remarkable flush of pale coppery gold at the edge. Wisley Trials. A.M. (g) 1928, F.C.C. (g) 1936, F.A.H. 1937. per 100, \$6.00

- 4 TWINK (de Graaff)—Perhaps one of the most promising daffodils we have introduced. It is a double of the semi-full type, the petals alternating a soft primrose and clear orange, and so arranged as to give the flower a most attractive appearance and to make it a most adaptable flower for large scale decorative work. Twink forces as easily as Golden Spur, but also flowers very early in the field, is very free-flowering and hardy and we sincerely believe that, as soon as stocks become larger, this variety will be used by every commercial grower. In the meantime it is a most splendid showflower and has created much interest whenever shown. A. M. 1926.

 per 100, \$6.00
- la UNSURPASSABLE (Lubbe)—In our tests this variety stood out as one of the best of the new Dutch yellow trumpets. Golden yellow throughout, the flower has noble proportions, good size, stature and build. Definitely a show-flower and also a good one for the commercial grower as it forces well and early. F.C.C.H. 1926.

per 100, \$15.00

1b WESTERN STAR (O.B.F.)—A rather late Bicolor of most exceptional keeping quality, tall and with flowers that measure more than four inches in diameter. The broad-petaled, off-white flat and star-shaped perianth is stained yellow around the base of the deepest, intense golden yellow trumpet, providing a most striking and vivid contrast. The trumpet does not fade or burn even in the hot sun. Bulbs are smooth and of fine appearance and apparently this Bicolor is immune to basal rot. We have only a few bulbs to spare and consider this one of the best of the many Bicolor types we have raised so far.

each, \$6.00

- 2b WILD ROSE (Brodie)—A most attractive and striking flower and a real advance in pink coloring as the cup is a definite solid rosy pink to the base. The petals are a rather transparent pure white. P.C. 1946.
- WINDBLOWN (O.B.F.)—A lovely, free-flowering double with a pure white perianth and a center of loosely knit, ruffled petals of white and butter yellow intermingled. A good grower and a most attractive plant with flowers almost five inches across.

 each, \$3.00
- 4 WINDSWEPT (O.B.F.) A late double with sulphur-yellow perianth and a center of light and darker yellow petals. Strong stems and short necks make this a good garden plant. each, \$3.00

Division

KEY

1 Trumpet Daffodils

- a) yellow
- b) bicolor
- c) white
- d) others

2 Large-Cupped Daffodils

- a) yellow, cup colored
- b) white, cup colored c) white, cup white
- d) others

Division

3 Short-Cupped Daffodils

- a) yellow, cup colored
- b) white, cup colored
- c) white, cup white
- d) others
- 4 Doubles

Triandrus Hybrids

- a) large-cupped
- b) short-cupped

Division

6 Cyclamineus Hybrids

- a) large-cupped
- b) short-cupped

7 Jonquilla Hybrids

- a) large-cuppedb) short-cupped
- Tazetta (Bunch-flowered)
- 9 Poeticus
- 10 Species and wild forms
- 11 All others

2c WINKIE (O.B.F.)—As if the names of BINKIE and DINKIE were not enough, someone had to come along and name this one WINKIE. It is a tall flower with a substantial white perianth and a broad cup that is daintily ruffled at the rim. The cup opens a creamy yellow and turns white with a strong flush of pink on the inside.

each, \$4.00

- 8 WINTER PRIDE (Mooy)—A.M.H. 1930, F.A.H. 1931. One of the new Poetaz varieties and an outstanding forcer. Petals well rounded and overlapping, cups golden yellow; this variety stands out for its size, the number of flowers and its strong stems and foliage. per 100, \$6.00
- 2c ZERO (Guy L. Wilson)—A glorious flower measuring up to 5½ inches in diameter. Very large broad flat widespread perianth; the beautiful vase-shaped crown has a slightly expanding bell mouth; purest icy white throughout, with lovely deep green perianth tube; tall strong stem and short neck.
- 2b ZIRCON (O.B.F.)—Ever since we selected this one, visitors to our trials have admired it. It is a very tall, large (five inches across) flower with a pure white, flat, well-rounded perianth of very good substance. The large cup is of a pure golden yellow, very flaring, ruffled and holds its color well. The foliage is very broad, blue-green and erect. The general impression this flower gives is one of a well-proportioned giant; striking novelty.

SEEDLING MIXTURE

From all our daffodil hybrids we select annually not more than thirty or forty plants for further propagation as clones. The remainder we offer as a special seedling mixture. This mixture contains all possible types and combinations that can be achieved. Many of our new pink Leedsii, as well as a large group of Triandrus hybrids, are in this mixture. For garden decoration or for cutting this mixture is unsurpassed. Only limited quantities available.

per 1000, \$70.00

FLOWER BORDER MIXTURE

This mixture is made up from named varieties, especially selected to give an abundant supply of flowers over a very long period. Only varieties that are adapted to naturalizing are selected. We grow several acres of this mixture and add to it, each year, the named varieties that we have tried out and that

were found to be not sufficiently outstanding for continued propagation. There are well over a hundred different varieties in this mixture and it should not be confused with the cheap mixtures of old varieties that are frequently offered by other growers.

OREGON BULB FARMS GRESHAM, OREGON

Fly Control

Growers who used the suggested preplanting soaks of daffodil bulbs last fall found their stocks completely free of bulb fly infestation this summer. Because of its general availability chlordane was used in most places. Last season's experiments indicated that the period of soaking need not exceed 10 minutes. Complete protection against bulb fly attack may be expected. The suggested dosage for 10 minute soaks of the bulbs before planting are 1 pound actual heptachlor per 100 gallons or 4 pounds actual chlordane for 100 gallons. The material should be in the form of emulsifiable concentrate. Heptachlor is usually available in a 25% strength, containing 2 pounds per gallon. Chlordane is available in 2 concentrations, one with 4 pounds per gallon, the other 8 pounds per gallon. Amounts needed for various amounts of water of these materials are as follows:

Heptachlor	Chlordane			
2 lbs./gal.	4 lbs./gal.	8 lbs./gal.		
100 gal 2 qts.	l gal.	2 qts.		
50 gal 1 qt.	2 qts.	1 qt.		
25 gal 1 pt.	1 qt.	1 pt.		
5 gal 3 fl. oz.	6 fl. oz.	3 fl. oz.		

To prevent spread of basal rot by the solution it is essential that a fungicide be included. Both materials are compatible with the 2% Ceresan or the phenyl mercuric ecetate in general use for basal rot prevention and the most desirable method is to use the insecticide in combination with either of these fungicides as usually used against basal rot. As a disinfectant only formaldehyde may be used at the rate of 1 quart to 100 gallons.

Judging Shows

We are often asked to suggest a scoring system for judging daffodil blooms or arrangements. The following is the system we have used:

Individual Flowers	
Substance and Shape of Perianth	points
Freshness and Condition	points
Color and Carriage	points
Size suitable to Variety	points
Spread of Perianth in relation to trumpet,	-
cup or corona	points
	•
Total100	points
Groups of Cut Daffodils	
Staging Arrangement	points
Types and Varieties	points
Cultural Perfection	points
	points
	-
Total100	points

Showing Daffodils

A few simple rules about showing daffodils follow: If at all possible show single specimens in bud vases, with one leaf; show either three or five flowers in a larger vase, flanked with a leaf on either side. Arrange the flowers in your hand, then put them in the vase, facing you and hold them in position by inserting a wad of sphagnum moss in the neck of the vase. Set your vases about 12 inches apart, in rows, on a table, raising the second and third rows by placing planks on bricks, upturned flower pots or boxes. Cover the table with black or dark green cloth and, if possible, intersperse the display with small potted ferns or other green plants.

To my surprise I see that in the introduction to last year's catalog, I complained that we had just gone through a wet season. If 1953 was wet, then words fail me to describe the 1954 growing season. It rained all the time and we had severe hail storms, as well. All this resulted in the poorest flowering season on record but, curiously enough, the Lilies did not seem to suffer and produced the best bulbs ever harvested. In fact, the bulbs grew so well that the smaller stock, planted down to be harvested in 1955, produced large sizes in one year and had to be harvested, divided and re-planted in 1954. This extra burden on our already heavily taxed equipment made the harvest season anything but a pleasure. That we got through at all and that we were able to handle the enormous volume of bulbs was only due to the many years of preparation for just such a situation. Our organization was equal to the emergency and everything ran smoothly.

Looking back over the past season a few other things stand out. One is the excellent Lily Show in Seattle, seen by not nearly enough people. Well managed by Mr. C. L. Shride and his able assistants, the show was the best ever staged in this country. In spite of the really extremely poor flowering season, a magnificent collection of Lilies was on display, much of it material not easily duplicated elsewhere. We were very glad to have won many blue ribbons, but were even more pleased to win Awards for two very different Lilies. The Vote of Commendation for "Enchantment" was an honor that, we feel, was long overdue. Already in 1948 the Massachusetts Horticultural Society honored this Lily with a First Class Certificate. Since then it has also won an Award of Merit from the Royal Horticultural Society in England, as well as a Special Award in New Zealand. The other Award was for a unique Lily, the "Empress of India", an exotic, intensely colored Auratum hybrid of our own raising. Sister seedlings of the "Empress", flowering after the show, were pure white and white with deep crimson spots. Seeing them, we were sorry that we could not have shown the entire family in Seattle.

Another thing that will keep the 1954 flowering season alive in our memory was the first flowering of a large group of seedlings from hand-pollinated, controlled crosses in the Aurelian strains. To see the first flowering of an acre of new Golden Clarion trumpet Lilies, of large stocks of improved Heart's Desire and Sunburst Lilies, was a thrilling experience. There were also new pink trumpet Lilies that, both in the intensity of coloring and in the perfection of form and habit, broke any precedents. Standards of selection, that we had considered entirely adequate but a year ago, had to be revised and raised. Some of these Lilies will be on the market already in 1955 and are offered in this catalog. Others we plan to hold back for further hybridizing,

as we are still trying to intensify the coloring. That quest will go on forever and, while one never is quite satisfied with what has been achieved, we do feel that our 1955 strains are very good.

In the Fiesta Hybrids, too, remarkable advances were registered. The color range of this attractive and useful strain of Lilies was again extended. More and more golden and lemon-yellow flowers appeared, as well as some very unusual browns. The Golden Chalice strain from new seed came one hundred per cent true to color and required but little selection for type. The Olympic trumpet Lilies were a joy to behold. These Lilies are a far cry indeed from the old *L. centifolium* and in their coloring and habit show more and more pronounced *L. sulphureum* and *L. Sargentiae* inheritance. It is strange how much these Lilies have changed, something that one realizes only when comparing photographs of the fields of a few years ago with those taken last summer.

For the first time in years we have made a reduction in the acreage planted to Lilies. Our reasons for this curtailment of our plantings are various. Considering the uncertainties of the economic outlook for the country as a whole, we did not think further expansion, nor even maintenance of our enormous acreage, was justified. To grow large quantities of fine Lilies, only to have to market them eventually at bargain prices, is not sound.

What we have done is to improve the quality of what we produce by eliminating all poorer and generally all older strains. We have restricted still further the number of varieties we grow and offer. It really hurts to have to part with old friends, Lilies that are beautiful and that surely sooner or later would have found their market. But the process of commercial introduction, of color plating and promotion is too slow and too costly to permit us to indulge in the naming and offering of new Lilies, only because we like them.

Our planting south of Portland was again most successful. The soil and climate there are sufficiently different from those prevailing on our farms closer to home to make an efficient work schedule possible. Often when it was too wet here, we could do useful work there. We obtained another splendid piece of land, still further south, and are now preparing a large acreage there for our 1955 fall planting. These farms should be worth seeing next summer. The finer things, those that we selected for breeding and that we must have under our immediate observation, will be planted on our farms near Dodge Park . . . You and your friends will be welcome to view these fine Lilies, any time at your convenience. They are, we feel, the best large commercial stocks of hybrid Lilies grown anywhere in the world.

Bags made out of thin sheets of polythylene film, wrapping paper backed with even thinner films of plastics and new containers made up out of Kraft paper and plywood, all have revolutionized the handling and storage methods of Lilies – both here on the nursery and in the warehouses and retail outlets of our customers. Now, for the first time in the history of the cultivated Lily, we can take freshly harvested bulbs, pack them with slightly moist peatmoss and hold them, in polyethylene bags or wrappers, at ordinary room temperature, for many weeks without any loss of vitality. This new method of packing plus our new methods of handling the bulbs from the field to the final stages of packaging and shipping have made all previous advice on care and storage obsolete.

Just like the modern hybrids of the garden Lilies have given the American gardener a completely new concept of the Lily as a garden plant, changing the once fickle and difficult to grow "Garden Cinderellas" to the hardy, dependable and vigorous perennials that we know them to be today, so has polyethylene wrapping changed the merchandising of these bulbs. But however perfect this new packing material is and however vigorous and hardy the new Lilies are, it still remains true that the bulbs, like all other plants, must receive proper and intelligent care during storage and sales periods if they are to give the best possible performance in your customers' gardens.

We can protect Lily bulbs in small packages by closing the polyethylene bags and excluding air.

We cannot keep large boxes of bulk-packed bulbs in good condition unless care is taken, too, that the polyethylene-backed liner is carefully closed each time after a customer has inspected the bulbs. If the peatmoss, as inevitably will happen, becomes dry, then some moisture should be added. Keeping the box in a cool place will still be better than keeping it exposed to warm air in the store, regardless of the moisture barrier the plastic covering provides.

What these new changes in storage and handling methods have done is to make spring delivery of fine, plump bulbs in garden-fresh condition possible. We can now hold bulbs for spring sales and up till April 1st we can guarantee most types and varieties to grow and flower well, provided they are planted with the least possible delay once they are taken from storage. A special offer of Lilies for spring 1955 delivery will be found inserted in this catalog. Bulbs from the 1955 crop, if they should be available in quantities in excess of normal fall demand, will again be stored for delivery during the early months of next year—up till April 1st, 1956.

As we have said in so many of our articles and in all previous offerings — we still believe that early fall planting is best for Lilies. In regions where exceptionally early frosts prevent timely fall planting or for customers that will not be convinced that early planting is better, we now feel safe in supplying bulbs in the spring. They will be found to have retained their freshness and vitality. They will, we feel, not grow as well as fall planted stock.

Lily Seeds -- None Available

To our regret we must inform our friends and customers that no lily seed will be available. We found that the cost of raising, cleaning and shipping the small quantities involved was greater than their commercial value. Also, the fact that seed of hybrid origin does not necessarily come true to type and form brought with it several problems that are beyond our ability to solve. For these reasons we will no longer supply seed and suggest to those of our customers requiring it for their trade that they make a small planting of bulbs and raise their own. As a matter of fact, in most regions this can be done more easily than in our usually damp and cool Oregon climate.

Cultural Instructions for Lilies

Soils and Location: Lilies must have perfect drainage such as a gentle slope can provide. Air drainage too is important, for a good breeze can keep many garden pests and diseases away. If your site is level and the soil heavy, then prepare raised beds for the bulbs. Take care not to damage the roots in planting. Sun or Shade: Lilies need sunlight, at least until 2 P.M. Filtered sunlight or semi-shade may bring out the more delicate colors, but they tend to make weak stems and soft flowers. Do not plant near house walls, walks or drives that reflect sunlight or heat.

Depth of Planting: *L. candidum*, "Cascade Strain" and "White Elf" should be planted with not more than one inch of settled soil over the top of the bulbs. All others need not more than four inches of soil over them.

Mulch and Groundcover: Lilies are gross feeders and root deeply. They need a porous, well-aerated soil, rich in humus and well-balanced plant food. They like a good mulch of well-rotted cow manure, rich compost or decaying leafmold, and this can be applied several times during the growing season. The mulch keeps the soil cool, discourages weed growth and eliminates the need for surface cultivation which might hurt the stem roots. Shallow-rooted ground cover keeps the grounded shaded and is beneficial. Do not expect your lilies to compete with strong-growing perennials or shrubs.

Cutting Flowers: Like all plants, lilies need their stems and foliage to build for next year's growth. Cutting the flowers only, preventing them from setting seed, is beneficial. Cutting the foliage is harmful in direct proportion to the amount taken. Cutting stems with foliage year after year will definitely kill the plant.

Fertilizers: Natural fertilizers, such as well-rotted cow manure, are ideal. A handful of balanced fertilizer scattered over every few feet, a pound of wood ashes per every twenty square feet, and such applications repeated two or three times during the growing season, will help to keep the lilies strong and healthy. If your soil and water are alkaline, then two or three times during the growing season scatter a pinch or two of agricultural sulphur over the surface and water it in. Peat moss, being slightly acid, is good for lilies. It provides an ideal medium for the stem roots when used as a mulch.

On Arrival: Lily bulbs are never completely dormant. They must be received as soon as possible after digging, hence orders should be placed with your dealer as early as possible. If slightly limp after their long trip, place them in wet peat moss for a few days. They will soon freshen up and should then be planted immediately. Never plant new bulbs where other lilies have failed to grow and never plant in heavy, soggy soil. They cannot be treated like tulip or daffodil bulbs which can be dried out and go completely dormant. Drainage is paramount.

Pot Culture: The soil mixture must be loose and porous. Two parts sandy loam, one of leafmold, and one of sand is good. An inch of gravel should be placed in the bottom for drainage. Fill the pot half full of soil mix, add a handful of sand, set the bulb on the sand, then surround with more sand. The pot is then filled with soil mix, watered, labeled, staked and placed in a cool place until spring.

Spraying: Control aphids and fungus diseases with the same sprays used for roses.

Forcing: The quality of the flowers and plants is much improved by cold storage of the bulbs and the flower yield is greatest following storage for six weeks at a temperature between 32 and 40 degrees Fahrenheit. Experiments hav shown that our Mid-Century Lilies when forced without cold storage flowered by the end of March, those cold storaged for six weeks flowered by the middle of February. The average elapsed time between planting of bulbs taken from cold storage and flowering was 60 days. A night temperature of 55 to 60 degrees is recommended, with ample water as the buds begin to show.

L. amabile—Brilliant grenadine-red flowers, nicely spotted with black, carried on strong, slender, three-foot stems. Because of its very free flowering habit, few bulbs are needed to make a brilliant dash of color in the garden. Best suited as a bold accent group in the border, *L. amabile* does well in full sun and will stand considerable drought. The intense color does not fade in direct sunlight.

The bulbs are white, high crowned and composed of relatively large scales. Plant five inches deep in light porous soils, shallower in clay and adobe. Stem roots are sparse or entirely lacking; basal roots heavy and contractile. Underground stem bulblets are formed in profusion, especially on the smaller stems.

per 100, 4-5" \$15.00; 5-6" \$21.00

L. amabile luteum—One of the loveliest of the yellow flowered Lilies, this rare form is identical with the type, except in color, and requires the same culture. The healthy seedlings we offer are from parent plants selected for outstanding color, size and placement of the flowers. Flowering a few days later than L. amabile, the bright yellow flowers combine with almost any companion plant and are exceptionally beautiful when seen against a background of evergreen foliage. Bulbs are similar to the type species but run somewhat smaller in size.

per 100, 3-4" \$30.00; 4-5" \$45.00

L. auratum platyphyllum—The stock of this fine species as offered by us in our current price list is raised from seed furnished by various growers to which we have added some stocks of bulbs that have been collected for us in the mountains of Japan. All of our auratum lilies have flowered in our nurseries and have been most rigidly selected so that only the best types are retained in our collection. This stock is as nearly free from virus as any lilies of this type will ever be. We recommend it without hesitation. Bulbs should be planted from five to seven inches deep. This is the Golden-Rayed Lily of Japan, with great, fragrant, waxy-white bowl-shaped, horizontal blooms, golden-streaked and often crimsonspotted. Flowers in August and September. Needs full sun and a rich, well-drained soil.

per 100, 6-7" \$45.00; 7-8" \$60.00; 8-9" \$75.00

L. auratum platyphyllum — Special Selections — Among the thousands of seedlings raised here are many of outstanding beauty. These often cannot be fairly classified as named selections. They are, however, so far superior to the regular Platyphyllum that we select a few and offer them to you at the low price of \$1.50 each. The selection, obviously, is done as they flower and we can supply these lovely plants only if ordered before the flowering season starts.

L. auratum platyphyllum—As it is raised by us from seed, taken only from hand-pollinated plants, has produced a number of lovely new types and variations. We are now able to offer a limited number of these novelties, selected by us to conform in as far as this is possible to older published names. All of them were chosen too for their good health and vigor, as well as for their distinctive coloring. Most of them possess the broad leaves and inherent vigor of the parent variety, L. auratum platyphyllum.

auratum var. tricolor—A vigorous and handsome broad-leaved form, pure white except for the golden ray and a few inconspicuous yellow spots. (Usually sold as var. virginale which is narrow-leaved, and now rarely seen.) each, \$3.00

auratum var. pictum — Another vigorous and broad-leaved form, but with the upper part of the ray crimson, the rest golden, usually heavily spotted crimson.

each, \$6.00

auratum var. rubro-vittatum—A very showy crimson-rayed form, with a beautiful golden center to the flower. Vigorous but rare. each, \$6.00

auratum var. rubrum—A most beautifu! and rare variety in which the whole of the ray and the center of the flower is rich crimson on a pure white ground. Spots are relatively few.

each, \$6.00 auratum var. CRIMSON QUEEN—We include under this name all those forms in which the color from the rich crimson rays is spread out over the rest of the flower. These are equal in all respects to the fabulous hybrid Parkmannii which combined the color of speciosum with the size and growth of auratum. Our varieties have the vigor of the broad-leaved var. platyphyllum. each, \$7.50

L. auratum hybrid "JILLIAN WALLACE"—A.M., R.H.S. 1951

This bold and lovely lily hybrid is now and may well be, for years to come, the best of all the new L. auratum hybrids. It was raised in Australia by . Mr. Roy M. Wallace of Warburton, from L. speciosum "Gilrey", pollinated by L. auratum "Crimson Queen". The fully opened flowers are more than eight inches across and the plants bear as many as seven of the huge flowers on five to six foot stems. The best color description we can give is that the petals are of carmine-red color (Tyrean Rose, according to the R.H.S. color charts), with white margins and spotted with a really intense, deep crimson. The petals are slightly crested on the inner edges, near the base of the flower. The flowers are strongly but nicely scented and the entire plant makes an unforgettable impression on anybody lucky enough to see it in flower. We have built up a substantial stock of this magnificent new Lily hybrid and offer it this year at the very low price of \$3.00 each.

Lily Descriptions and Prices (Continued)

L. "Aurelian Hybrids"-The most important of all of the new race of hybrids, this group at present is the subject of large scale hybridizing by lily specialists. The seedlings are the results of crosses between L. Henryi, many of the white trumpet lilies such as the "Olympic Hybrids," L. Sargentiae and L. sulfureum in all combinations. Although they are sometimes designated as Henryi Hybrids, many of the plants more closely resemble the other parents. The variation is genetically complete in form and color, since the seedlings vary from straight Henryi types to almost straight trumpet lilies. The middle group, or those which show the characteristics of both parents, is the basic plant of this new strain. The flowers of this middle group vary in shape from huge bowl shaped white or cream flowers with yellow or apricot centers to widely flaring or slightly reflexed flowers usually colored yellow, yellow-orange and light apricot. Thus far the general habit and placement of flowers more closely resemble L. Henryi and the culture is the same as for that species. The colors fade slightly in full sunlight and light shade should be provided when the first buds begin to open. Plant the bulbs six inches deep in a rich soil that is well drained and slightly on the heavy side. Fertile to the pollen of many types, these plants are particularly valuable to hybridizers. We are able to offer a limited quantity of different types as follows:

(1) "Sunburst"

This group is made up of the flowers which most closely resemble L. Henryi in shape. They are much larger and less reflexed than those of L. Henryi and the colors include white, cream yellow and orange. The flowers are of unusual texture and substance and are suitable for either garden or cut flower work.

per 100, 6-7" \$45.00; 7-8" \$60.00; 8-9" \$75.00

"Sunburst" lemon yellow selections. Magnificent new garden lilies, resembling in color *L. Henryi citrinum* but more vigorous and larger in size. 6-8"—each, \$3.00

(2) "Heart's Desire"

This selection is almost intermediate in shape between the trumpet form and the *L. Henryi* shape. They are essentially shallow, widely-flared and bowl-shaped in shades of white, cream and yellow-orange. Many of them have a bright orange throat, shading to cream yellow at tips of the petals.

Per 100, 6-7" \$60.00; 7-8" \$75.00; 8-9" \$90.00

(3) "Golden Clarion"

This type resembles the trumpet lily in all respects except in color and texture of the flowers. The shading of the petals varies from clear butter yellow down to cream yellow. These forms are extremely rare and scarce at present. They are a magnificent addition to the trumpet lily group

and we predict that these, along with the new pink trumpets, will become, in the very near future, as popular and as widely planted as are the Olympic Hybrids today.

per 100, 6-7" \$120.00; 7-8" \$150.00; 8-9" \$180.00

L. "Bellingham Hybrids"—A strain of lilies which has more than lived up to hopes invested in the original crosses, since this group is by far the most desirable of all the lilies for cut flower purposes and informal or woodland planting. Ideally spaced on tall, slender straight stems, the flowers are particularly long lasting. The pyramidal flower heads bearing up to 20 flowers may be cut as the first buds open and will remain fresh until the entire spike is in bloom. The buds are long and narrow and reveal the attractive spotting of the petals long before opening. The color range is complete from clear yellow through the yellow-oranges to the bright orange-reds with scarlet tipped petals. Most of the flowers are intensely spotted with brown or reddish brown.

The bulbs are typical of the West Coast native lilies, being composed of small white jointed scales which turn a pink color on exposure to light. The bulb is of the rhizomatous type and new crowns are formed annually along the scale covered rhizomes. Ideal for partial or light shade they prefer a cool, light soil. Since the majority of the basal roots are annual the bulb can be expected to give good results the first year, but it is at its best when left undisturbed since the bulbs divide and branch rapidly to form large clumps.

Plant 5 inches deep in ordinary soils. A winter mulch is recommended in the colder sections to protect the bulbs against alternate freezing and thawing. Stem roots and bulblets are not formed by this group and propagation is from scales and division. Smaller sized bulbs are mostly single crowned while the larger sizes often have two or more and will produce a like number of flowering stems.

per 100, 5-7" \$15.00; 7-9" \$21.00

Afterglow – Out of a large batch of seedlings we have selected one which far surpasses the well known Sunset Lily (pardalinum giganteum) in every respect, and that, of course, is high praise. The new plant is tall, free flowering and bears large flowers of a rich red, heavily spotted inside. It grows well and propagates freely and soon makes a permanent clump in the garden.

each, \$1.50

Buttercup — Quite recently an attempt has been made to revive by fresh hybridization some of the better forms of the Bellingham Hybrids which have been too scarce. We have been successful in raising some outstanding yellows, and one of the best has a very fine buttercup yellow flower, heavily spotted maroon. This has been well tested

Lily Descriptions and Prices (Continued)

and is an excellent grower, attaining a height of 4-5 feet in the open field, is very floriferous and showy as well as being an excellent propagator. Like all its race, the foliage is very handsome and a clump is an asset in any garden. each, \$3.00

L. candidum "Cascade Strain"-One of the prides of our lily stocks is this new strain we have been slowly developing for the past several years. It is unusual in that the strain sets seed freely and possesses a vigor far surpassing the best of the imported stocks. The foundation of these hybrids was an extensive collection of all forms of the Madonna Lily available to the trade, including several unusual types obtained from a French priest. Careful selection and pollination has finally produced a race of the Madonna Lily with tall straight stems and large flowers of unusual texture and perfect form. Greatly resistant to botrytis, these seedlings are really the first improvement of our times on L. candidum, the oldest lily in cultivation. Weeding out the less desirable forms has resulted in a group exhibiting a minimum of variation in flowering date and length of stem. Propagation of the best clones will enable us to supply absolutely uniform varieties of the most desirable types in the very near

L. candidum is one of the few bulbs which requires very shallow planting and the top of the bulb should not be over an inch below the surface of the ground. It prospers in a heavier soil than do most lilies, but the soil must be well drained. Since the bulbs make a fall growth and are dormant for only a few weeks in August, early planting is necessary, preferably not later than September 15th. The Madonna lily suffers no set-back in transplanting, provided it is planted early enough in the fall to make its normal autumn growth. Consequently, the larger sizes will produce exhibition spikes the first year. It increases rapidly by natural division and will soon form a large clump which must be divided and re-set if large flowers are desired. August delivery. List in spring catalog.

per 100, 6-7" \$18.00; 7-8" \$21.00; 8-9" \$24.00; 9-10" \$30.00

L. candidum "White Elf"—A unique clone that we have selected out of some fifty thousand new seedling candidums of the "Cascade Strain." White Elf is a true dwarf in every respect. The entire stem of a fully grown bulb measures not more than fourteen inches. The flowers are very beautifully proportioned, the foliage is of a deep green, healthy coloring. The bulb is also small and apparently various factors in this curious plant have combined to keep it of miniature stature. It is for this reason an ideal lily for the rock garden, for borders and even more so for informal flower arrangements.

6-7"-each, \$0.30; 7-8"-each, \$0.42

L. candidum hybrids

Jewel – Constant crossing and re-crossing of the best seedlings of our famous Cascade strain of Lilium candidum with rare hybrids from L. testaceum and L. chalcedonicum has given us some very beautiful varieties. One of the best of these bears tall, shapely spikes of glistening pure white flowers, broad-petaled and long lasting as in the best candidums, yet adorned with jewel-like scarlet anthers of L. chalcedonicum. We have selected this plant not only for its innate beauty and poise, but also for its proven sound constitution and a degree of disease resistance equal to that of our Cascade candidums. We can confidently recommend this plant.

White Knight — Many years ago a fine seedling from the candidum-chalcedonicum hybrid *L. testaceum* was raised and named White Knight. Unfortunately it lacked vigor and was soon lost, which was a pity since it was a most beautiful lily. The flowers were those of a glistening pure white candidum with yellow anthers, but were disposed in an umbel and pointed downwards. Among the many thousands of seedlings we have raised we have had many with these characters and quality but the one we have selected to represent White Knight has an excellent constitution and has grown and propagated well with us. Moreover, it has glowing red anthers, giving additional beauty to the plant.

L. cernuum—A most attractive little lily from Korea and Manchuria. Looking in form and habit like L. pumilum, it has small, nodding, violet-lilac flowers with darker lilac tinted pollen. It is a rare and beautiful lily and we are very fortunate to be able to offer it from Oregon-grown stocks.

per 100, 3-4" \$50.00" 4-5" \$75.00

L. concolor—One of our favorite members of the lily family, this little flower is one of the best. In late spring and early summer the cheerful, bright red star-shaped flowers open on this wiry stems. Concolor is of the easiest culture and asks only for a warm, sunny spot in well drained soil. Plant it in groups in the herbaceous border where its gaily colored flowers will show to best advantage. Also put a few bulbs in the cutting garden as it is one of the best of the lilies for cut flower purposes. An excellent market grower's flower, it will become more popular as American-grown supplies become more plentiful. All our bulbs are from seedling stock and exhibit the vigor characteristic of healthy seedlings.

The solid bulbs are sound, creamy white in color turning pink on exposure to light. Plant 3 to 4 inches deep in groups of not less than five. Height $2\frac{1}{2}$ to 4 feet.

per 100, 3-4" \$24.00; 4-5" \$30.00; 5-6" \$36.00

L. "Dr. Abel" – The darkest red found in the "FIESTA HYBRIDS" was selected by us to be named after Dr. Abel who did such fine pioneering work with lilies. Like all lilies of the "Fiesta" type, this one has numerous pendant flowers and will grow from four to six feet tall. Flowers are densely speckled with black, they are strongly recurved and contrast beautifully with the dark green, glossy foliage and the dark brown stems of the plant. We recommend this lily highly. Award of Merit, Massachusetts Horticultural Society 1946.

per 100, 5-6" \$48.00

L. "Fiesta Hybrids"—As cheerful and gaily colored as the name implies, this new race of seedlings has neatly reflexed flowers, nicely spaced on thin wiry stems. Resulting from crosses between L. Davidi (L. Willmottiae) and related types, they are one of the brightest patches of color in our lily fields during July. Extremely uniform as to flowering time and habit, the pleasing variations in color and form of flower enhance their beauty and usefulness. This is one of the few crosses which has produced no inferior types. The colors range from bright yellow through orange to a beautiful dark rich red. The latter color is new to this type of lily. Most of the flowers are of the typical recurved turks-cap shape and many of the plants have blossoms facing outward or somewhat upward with the petals only slightly recurved. A sun-loving group, plant them 5 to 6 inches deep where they will get plenty of direct sunlight. Propagation is most rapid from the numerous underground stem bulblets which may be separated from the old stem in the fall and replanted near the mother bulb. Resistant to mosaic, this group has proved a wonderful addition to the garden lilies. Excellent cut flowers, the stems are easy to handle and arrange and the colors are particularly attractive indoors.

per 100, 4-5" \$15.00; 5-6" \$21.00; 6-7" \$27.00

L. formosanum Wilsoni—tall, late strain—The latest flowering of all the popular lilies, this white trumpet type is particularly desirable for gardening in moderate climates. The plants are often in flower as late as December here on the Pacific Coast. Of easiest culture, this lily should be in every garden. Our strain is tall and free flowering and has been grown from selected plants for several generations. It is the true St. Louis strain.

The bulbs are very small, but should be planted 5 to 6 inches deep since Formosanum produces very heavy stem roots. Full sun or partial shade suits it well and for better flower production some water should be provided during the hottest part of the summer.

per 100, 3-4" \$12.00; 4-5" \$15.00

L. formosanum Pricei – short, early strain – This early-flowering attractive and graceful, short-stemmed trumpet lily has a charm that is not duplicated by any other lily of its type. We have used it

in our own garden in small clumps, planted right in front of a herbaceous border; also in between dwarf species rhododendrons. The bulbs are small and should be planted about four inches deep. Full sun suits it well and ample water during the flowering period will benefit the plants.

per 100, 3-4" \$12.00; 4-5" \$18.00

L. "Golden Chalice Hybrids"-This is another instance where we have chosen to introduce an entire strain of seedlings which have shown marked improvement over the parent plant rather than segregate a few individuals and propagate them for eventual naming and introduction. After testing the best known varieties of Dauricum-Umbellatum-Elegans types from Holland, England and the Orient, the possibilities for improvement in color and shape of the flowers appealed to us. Our main objective of clearer, brighter colors with the elimination of the muddy oranges and orange-reds from the group has largely been realized in the Golden Chalice Hybrids. After roguing out the less desirable forms the range of colors of the remainder of the population varies from clear lemon yellow through the rich warm shades of gold and apricotorange. As with all our other strains of seedlings the Golden Chalice Hybrids exhibit exceptional vigor. The bulbs are uniformly white, clean and sound. Plant the bulbs in a warm, sunny location where they will get full sun, at least 6 inches deep, since the stem roots are heavy and numerous underground stem bulblets are formed. Shallow plantings will reduce the increase from stem bulblets and tend to cause the bulb to split up in several different crowns. Extremely drought resistant, these hybrids are ideally suited for that warm, dry corner of the border where they will flourish and flower freely with a minimum of care. June flowering, height 21/2 to 4 feet. Award of Merit-Transvaal Horticultural Society—1954.

per 100, 5-6" \$15.00; 6-7" \$21.00

L. "Firecrown"—Surely no flower has ever borne such superb, vividly brilliant, vermilion coloring as this new seedling of ours. Not only that, but it is also completely sunproof, not burning noticeably here even on the hottest summer days. The slender stems betray the L. concolor parentage. This lily, grown in the field and without the benefit of irrigation, stood from three to four feet tall. Its brilliant coloring when seen from afar looked as if the lily was actually crowned with fire. The flowers have excellent substance; they are freely produced, even from young and small bulbs. "Firecrown" is a superb cutflower that will be most useful in modern flower arrangements. It is also a distinct addition to the summer garden, where its vivid and beautiful coloring will add distinction. It is an excellent propagator and transmits its vivid coloring to its seedling offspring. We offer but a few bulbs at the low price of \$4.50 each, good flowering size.

Lily Descriptions and Prices (Continued)

L. "Green Dragon"-This is the Lily which we offered some five years ago and which was illustrated in color on the beautiful large poster we had printed in 1948. The demand for bulbs was then so overpowering that, in self defense and in order to preserve some propagating stock, the Lily had to be withdrawn from commerce. We found, too, that, like most perfect things on earth, it is not easy to reproduce. Once the correct incubation period for the scales was discovered—a strict trade secret of ours propagation could be speeded up so that, at long last, we can again offer one hundred bulbs. We offer it at \$6.00 each, but will frankly admit that, if any grower offered us Lilies of that perfection at that price, we would buy them gladly ourselves. For those of our friends who do not know the Green Dragon, suffice it to say that it is the finest chartreuse-colored, bowl-shaped trumpet Lily that has appeared in all our Olympic Hybrids. Obviously, it is part L. sulphureum, part L. Sargentiae. Equally obvious is the fact that, through a strange stroke of fortune, many of the best qualities of both these wild Lilies have been combined in this unique clone. If I add that to an astonishing degree its qualities are transmitted to its offspring, then its real value becomes even more apparent. Just like many years ago the old Creelman Lily added new lustre to many a trumpet Lily strain, so will the Green Dragon blood add stature and impeccable form to our new trumpet Lilies for many years to come. Priced ridiculously low at \$6.00 each.

L. "Green Mountain Hybrids"—This group resulted from seed obtained from the collection of Dr. L. Horsford Abel. It was originally a mixture of his finest selected white trumpets, including such forms as: L. princeps "George C. Creelman," L. princeps "Shelburne Hybrid," L. "Crow's Hybrids" and L. centifolium. Re-selection of these in an effort to fix the character of unusual size of flower, combined with a green coloring of the throat and the brown shaded exterior of the petals has resulted in an impressive group of trumpet lilies. Quite distinct in shape and color from our Olympic hybrids, they are definitely a superior group of plants, particularly valuable for exhibition and specimen planting as well as being a magnificent cut flower. They require the same cultural treatment as the Olympic Hybrids and are at their best when planted in very light shade, where their unusual coloring can be seen to their best advantage.

per 100, 6-7" \$24.00; 7-8" \$30.00; 8-9" \$36.00

L. hansoni—A golden-yellow lily from Japan, with reflexed, pendant flowers of great substance, it is still rare in home-grown quality and hence rather expensive at present. Its main value lies in the fact that it crosses readily with L. martagon types to produce beautifully colored and spotted garden lilies. It is one of the hardiest lilies known, with deep green, glossy foliage in numerous whorls around the stem. From five to ten large flowers per stem. It does best in partial shade.

per 100, 6-8" \$42.00; 8-10" \$60.00

L. henryi—This grand lily from central China is now the center of attraction in the lily world as the parent of the Aurelian hybrids. Yet, in its own right, it is a beautiful garden lily which should not be overlooked. The stems grow from five to eight feet tall, are of a purplish brown coloring and thickly covered with shining, dark green, pointed leaves. It flowers in late August for us with as many as twenty or more golden orange, recurved and pendant flowers. It is a stem-rooter and likes slight shade. Since the tall, wiry stems bend with the wind and rain this lily is at its best when supported by stakes or shrubbery.

per 100, 6-7" \$15.00; 7-8" \$18.00; 8-9" \$24.00

L. henryi var. citrinum—This is the rare yellow form of the old favorite late-flowering orange lily which has graced innumerable late summer gardens with its pendant, sweet-scented blooms. In all save color it is identical with the type, and although a collector's item, it is hardy and reliable in every way, each, \$1.50

L. japonicum platyfolium — A beautifully shaped, elegant trumpet lily of most refined coloring and habit. From one to five fragrant, funnel-shaped flowers, borne on thin and wiry stems. We grow this lily from seed in a humus-filled sandy loam and it seems to thrive under those conditions. Color intensity varies from almost white to purplish-pink. We offer our Oregon-grown stock in good flowering size.

per 100, 4-5" \$40.00; 5-6" \$50.00

L. lankongense—Scented, pendant flowers of pale rose color, deepening with age and spotted purple; strongly recurved. Flowers here in August and seems to delight in a porous, loam soil. This lovely lily, of which we seem to have a very vigorous strain, came to us from the famous Rock expedition. We are pleased to be able to offer it to lily fanciers at the low price of 75 cents each for flowering size bulbs.

- L. "Lighthouse"—First publicly shown at the Seattle Lily Show, this giant among the upright Lilies deserves the attention of all Lily lovers. It is of hybrid origin and belongs to the same general line of breeding that produced the Mid-Century and Hollywood Hybrids. LIGHTHOUSE has very large open, cupshaped flowers, borne on a stem that under normal garden conditions will easily attain a height of from six to eight feet. The flowers are entirely in proportion and are the largest blooms ever seen on any Lily of this type. The color of the flowers is a pastel, pinkish orange that is most pleasing. We offer LIGHTHOUSE confidently as the sturdiest, largest and best proportioned of the giant hybrid Tiger each, \$3.00 Lily type.
- L. longiflorum variety "Croft" A pure white, short-stemmed Easter lily which has been the subject of much wild speculation during the recent war years. It is a greenhouse and florist flower and has great merit for forcing in pots. It is not a garden lily.

per 100, 6-7" \$21.00; 7-8" \$27.00; 8-9" \$36.00

L. longiflorum – variety "Estate" – A tall form of L. longiflorum, and for that reason better suited for garden use than the Croft. Neither variety is entirely hardy. Their pure white flowers can be very attractive in special settings. They are too formal and too short to fit in well in most gardens.

per 100, 6-7" \$24.00; 7-8" \$30.00; 8-9" \$42.00

L. martagon album — The pure white form of the long cultivated Martagon lily that is so popular in Europe and England. The dainty waxy flowers are gracefully placed and form a symmetrical pyramid on 4-foot stems. One of the most permanent of all lilies, once it is happily settled it will increase from year to year, forming larger and finer spikes. Our seedlings have prospered extremely well and the bright yellow bulbs are sound and healthy. It should be planted not deeper than four inches in a well drained sunny location. Best grown among low evergreen shrubs, Martagon album is equally useful in the cottage garden or estate woodland.

per 100, 5-6" \$24.00; 6-7" \$36.00

L. Maximowiczii Selections—The best forms of this species produce superb brilliant fiery orange-red spikes of flowers 5-8 feet in height long after most lilies are over. When well grown they are taller, later and much more striking that the popular *L. tigrinum* to which they bear some resemblance, and further, respond equally well to generous treatment. When it originally came from the mountains of Korea and Japan many inferior types were at first cultivated, but now careful breeding and selection have improved it tremendously. We now recommend this lily as one of the most brilliant of autumn flowers.

per each—5-6" \$0.60; 6" up, \$1.00

MID-CENTURY HYBRIDS

This year, the seventh that we offer our Mid-Century Hybrid Lilies to you, we find ourselves at the turning point in their production. No longer are they precious novelties. We grow them now in quantity and our prices have been reduced to a level that puts them within the reach of all gardeners. Some of them are still too scarce and too high priced for the general catalog. Others, such as Enchantment and Valencia, should be listed by all progressive seed-stores and bulb dealers.

The Mid-Century Hybrids are, as is probably well-known by now, the result of a rather involved hybridization process that has included such popular lilies as L. tigrinum on the one side and hybrids between L. dauricum, L. concolor, L. aurantiacum and several others on the other side. Crossing and backcrossing these lilies and their offspring, we have evolved the strain which we introduced to the trade in 1950. From their parents these lilies have inherited the hardiness, the coloring and the resistance to disease that is to be found in at least some of them. The bulbil-bearing characteristic comes, for instance, not only from L. tigrinum but also from L. bulbiferum. The soft, pinkish-orange tones that

influence of L. tigrinum. The mahogany shades and the rich reds of "Fireflame" come directly from L. umbellatum.

Only one of these lilies, *Enchantment*, is patented (U.S. Plant Patent 862). It may not be grown commercially without our express consent. No parallel can be drawn between these hybrids and any other group of lilies ever introduced. The colors range from palest straw-yellow to deepest maroon-red. The habit varies from pendant, as in the Tiger lily, to large outward-facing flowers, never before seen, to enormous, vivid colored, upright lilies. They also vary in flowering time, in height and in their rate of increase. With all these variants, we feel that some twenty different named varieties are not too many.

The bulbs of all these lilies should be planted about four to six inches deep. They will thrive in any good, well-drained, porous garden soil, preferably in the full sun. They can be increased very easily from scales, underground bulblets, by bulbils that form in the axils of the leaves and by ordinary, natural division of the bulb. We repeat that our "Enchantment" is patented and that it may not be propagated commercially without special license.

Mid-Century Hybrids — Outward Facing

Four of our Mid-Century introductions have flowers that face outwards. All these lilies will, under certain conditions, produce bulbils in the axils of the leaves. They do not depend on this means of propagation, however, as they come quite readily from scales taken at flowering time or shortly after. The stems, in our nursery rows, are usually not over three feet tall. A small experimental planting in my garden of bulbs that had not been scaled, reached a height of four feet six inches and it is very possible that these lilies, when full-grown, will be taller yet. We have selected the most contrasting colors and the widest variations in habit and flowering time for naming and cloning. The lilies we offer below were the outstanding ones in our trials.

"Fireflame"—Is a short, sturdy lily which may have exceptional value as a pot plant in the greenhouse of the commercial grower or amateur, as well as in the garden where it can be planted in the foreground of the herbaceous border. The color is a solid mahogany-red, slightly spotted with black or deep maroon. Planted in the full sun in our nursery it grew to a height of 25 inches from scaled bulbs. The very large flowers face out and have broad, heavily textured petals. As many as eight flowers to a head, all of them well spaced on good pedicles, the buds open over a period of several days.

each, \$0.36

Prosperity—An entirely new color in the Mid-Century Hybrid Lilies is being introduced with this lovely, cool, lemon-yellow, outward-facing flower. The plants stand in our nursery better than four feet tall and made large clumps, through natural division. Extremely vigorous, hardy and, apparently disease resistant, this Lily will be a sensational gar-

den plant for years to come. Special introductory price, \$1.00 each. Supply is very limited and before listing it in any catalog, please check with us as to availability.

"Tangelo"—This curious name, derived from a fruit that is a hybrid between a Tangerine and an orange, suggests the vivid orange coloring of this beautiful lily. Tangelo is medium early, has slightly starshaped, outward facing flowers and scored high in many of our trials.

each, \$0.24

"Valencia"—Is the last of our outward-facing lilies to be introduced this year. It is a mid-season lily of fine rich yellow coloring. We consider it of very fine habit, placement and form and have rated it very high during the four seasons we have been privileged to observe it. "Brilliant," "clear," "clean," "sparkling" are some of the adjectives noted down by us during the flowering season. The very large, rather flat flowers have a slight midrib of orange.

each, \$0.24

Mid-Century Hybrids — Upright Flowering

Five of the introductions are upright lilies. These are true Tigrinum-Umbellatum hybrids. All of them will show bulbils in the axils of the leaves, if the flower or the buds are removed early in the season. "Enchantment" will have bulbils, even if allowed to flower normally. All of them flower with us around the first of July. Their blazing colors and their straight stiff stems made them stand out in our nurseries. Their radical departure in form, habit and coloring from anything that has been seen in lilies up to the time these novelties flowered was noticed by every visitor.

Croesus—This new yellow Mid-Century hybrid is of slightly different parentage and coloring and to the upright flowering varieties of the famous and popular Mid-Century group we are proud to add another distinct color. This is a true yellow, displayed in a large wide open shapely flower of great substance, lightly embellished by a few nearblack spots. The base of the flower is of a deeper golden color, but it in no way competes with the orange yellows so common in the umbellatum group. The plant is vigorous, hardy, freegrowing and an excellent disease resister. It grows to a height of about two feet.

We are proud of this new creation and feel that once it becomes known, the demand will outrun our stocks.

each, \$1.00

Destiny — A superb upright-flowered yellow lily which is certain to take a prominent place among the Mid-Century group. The open chalice-shaped flowers are brilliant canary yellow with just enough large brown spots in the center to afford welcome contrast. As many as ten well shaped flowers are carried above lustrous dark green foliage on stems three to four feet tall.

"Enchantment" (U.S. Plant Patent 862)-Seems to be the most prolific, as well as the most beautiful of all the lilies that we have raised. It may be worth noting that this lily grew from seed planted in the spring of 1942 and that, only ten years later, we had enough bulbs to warrant color plating and commercial introduction. Enchantment is an upright lily of excellent habit, with many well-formed flowers of a vivid Nasturtium-red. Full of life and depth, the color blazes in the sun and even on dark days the stock of Enchantment could be seen from miles away. This lily, which has been so well endowed by nature, carries large numbers of bulbils in the axils of the leaves. It can also be propagated quite readily from scales and we have found that its vivid coloring is a dominant factor, so that it is transmitted to nearly all its seedlings.

We believe that in Enchantment we have raised the most promising new lily of the century. It is a completely new type of lily, vigorous, hardy, diseaseresistant, and virtually indestructible, if only the very slightest care is given to it. We obtained a plant patent on this lily and it may not be grown commercially without our express consent.

"Enchantment is the name of a lily hybrid raised by Mr. de Graaff in Oregon and shown by the Commissioners of Crown Lands, Windsor Park, England. This has a rather close-packed spike of pale orange-red flowers, 4 inches across, with brown spots. Its most attractive and unusual feature is the way in which these blooms, which are much reflexed, are upturned, the long stamens adding to the starry effect. This is one of several hybrids raised by Mr. de Graaff by crossing Lilium tigrinum and Lilium umbellatum. An A.M. was given this fine lily."

From "Gardening Illustrated", September, 1953.

First Class Certificate, Massachusetts Horticultural Society, 1948; Award of Merit, Royal Horticultural Society of England, 1953; Vote of Commendation, North American Lily Society, 1954.

per 100, \$15.00

"Harmony" — Wide-petaled, upright flowering lily in shades of rich and brilliant orange. Early flowering, it proved to be one of the finest in all our trials and was much admired by visitors. Long pedicles, large flowers, fine for cutting and large flower arrangements.

per 100, \$24.00

"Joan Evans" — Named after the popular young Hollywood star, is a broad-petalled, bright, golden-yellow upright lily. It is late flowering and therefore a particularly fine addition to our garden lilies. Carrying as many as from six to nine flowers on a thin, wiry and tough stem, it stands from four to five feet tall. Magnificent cut and show flower but equally good in the herbaceous border. Flowers attractively spotted maroon.

Per 100, \$24.00

Mid-Century Hybrids — Mixed — All Colors and Types

After selecting our clones out of these fine new hybrid lilies we had another sixty or more that were far too good to discard. This group we have propagated as a mixture and we offer it at sharply reduced prices in order to acquaint as large as possible a group of gardeners with their beauty and usefulness.

per 100, 5-6" \$15.00; 6-7" \$21.00

OLYMPIC HYBRID LILIES

L. "Olympic Hybrids" – A major project of our breeding program for the past several years, we are especially proud to offer this modern strain of trumpet lilies to gardening America. Side by side, field tests have definitely proven them to be the finest

strain of hardy garden lilies available.

Their breeding history includes such varieties and species as L. leucanthum, var. centifolium, Sargentiae, Brownii and L. myriophyllum var. superbum. Careful selection of the finest and choicest plants from these crosses has resulted in the present Olympic strain which is characterized by its extreme vigor and size, form, coloring and good placement of flowers. There is a pleasing variation among the individual plants of the strain and all types, from the stylized typical trumpet shaped flowers to the most unusual forms such as the widely opened bowl shaped flowers with petals slightly twisted and ruffled. The color range of all the parent plants is present in the Olympic Hybrids in addition to new combinations and types which include creamy trumpets, soft fuchsia pink and the popular cool, icy green. The exteriors of the petals are delicately shaded with light greenish brown or soft wine tints and in some instances are a pure glistening white. July flowering, they bloom later than L. regale and their period of flowering extends from three weeks to a month. They do equally well in full sun or partial shade. The dominant colors do not fade appreciably in full sun, but, as with other plants, the flowers are at their best in very light shade and, when grown for show purposes, the plants should be given light shade as soon as the buds lengthen and begin to show color.

The bulbs form strong stem roots in addition to the very extensive basal root system which provides good insurance against drouth. Plant the bulbs 5 to 6 inches deep in well drained soil and they can then

be left undisturbed for several years.

per 100, 6-7" \$15.00; 7-8" \$18.00; 8-9" \$21.00 9-10" \$27.00; 10-12" \$30.00

L. Olympic "Special Select"—For the more discriminating gardener we are now able to offer a limited number of specially selected bulbs of the Olympic Hybrids. These plants are tagged in the fields during the flowering season and represent the choicest and finest as selected from acres of trumpet lilies.

Every plant is of exhibition quality and is of outstanding character in all respects. Any one of these tagged plants might well be propagated as a clone, since each one represents the pick of several thousand flowering seedlings. Quantities are extremely limited and all reservations must be received before July 1st. The general types available are the large formal waxy white trumpets, characteristic of the trumpet family, of unusual substance and vigor and exhibiting ideal placement, with either white or light pink exteriors-the wide flaring open bowl shaped type, usually with brownish or light greenish exteriors to the petals and the very large flowered irregular form which has recently shown up in our seedling plots possessing longer petals which are often slightly twisted or ruffled, giving the flower a most informal shape.

In random sizes only, each, \$0.75

- L. Olympic "Pink Selections"—A strain which has had our closest attention for several years. Although in habit and in culture the plants are similar to the Olympic Hybrids, the flowers are shaded pink. This color extends over the inner surface as well as the outer surface of the petals and is indescribably beautiful. This offering is bound to become one of the most popular of garden lilies as soon as sufficient stocks are available. Our experience with these lilies, however, has shown that while they are a true and definite fuchsia-pink with us and other growers in cool, moist climates, they do not show this color when grown in regions where warm nights prevail during the flowering season. Apparently the heat bleaches the colors even before the buds open. We are intensifying our breeding program and hope to ship out only the very darkest forms. All lilies of this type shipped by us are tagged in the field by one or two of our most experienced men. These tagged plants are harvested by hand at shipping time and come in random sizes only. each, \$1.80
- L. Olympic "White Selections"—From among the hundreds of thousands of trumpet lilies on our farms we select a few hundred that have pure white flowers. We can do this only during the flowering period and must have our orders in hand before July 1st. These lilies will be pure white and of finest form only. Most of them show a greenish rib or stripe on the reverse of each petal.

In random sizes only, each, \$1.80

L. papilliferum—This attractive, little eggplant colored Lily came to us from the famed Rock collection and we offer it here for the first time in commercial quantities. With us it grew in well-drained soil, in the full sun and without the benefit of irrigation. The bulbs remained very small, the stems no taller than from 10 to 12 inches and the number of flowers never more than three per stem. The flowers are reflexed, of a really deep purplish-maroon color with curiously snuff-colored anthers. Frankly, this Lily has no possible garden value, for its small flowers would not be noticed in any normal setting. It may have value for hybridizing, but it surely would be a nice plant for the curio collector and for the cool greenhouse. For those gardeners who think they can offer L. papilliferum a good home we have a few bulbs to spare at \$2.10 each.

By the way, this is as good a time as any to say that we have a few other odds and ends of the Lily family planted in our nurseries. If in need of a specific item, please ask us. Many of these rare Lilies do not warrant listing in a wholesale book, nor do we want to send them out except to growers who will take care of them. Dr. Rock and other explorers went to a great deal of trouble finding these rare Lilies and they should not be lost again through careless handling.

L. "Palomino"—A curious Lily that may find as many enemies as friends, yet one that has qualities that may well carry it to popularity. The flowers are pendant and large, recurved to form large globes, well-spaced and on pedicels in good proportion to the flower and the size of the five foot plant. The color is best described as "beige", buff, Nankeen or Testaceum-like, yet it is even more refined, in shades of soft pastel. We displayed a few stems in a vase with dark blue Delphinium and the result was startlingly beautiful. We have shown this Lily to all visitors to our farms and they have been unanimous in their praise, so we will offer it and hope that a larger public will take to it, test it, and that perhaps other growers will make some commercial plantings of it. The Lily has great potential, but here we cannot raise large stocks of all the fine things we produce and we will offer PALOMINO on an experieach, \$6.00 mental basis only.

L. pardalinum giganteum "Sunset" — One of the most popular lilies we grow, this supposed natural hybrid between L. Humboldtii and L. pardalinum is a trouble-free, strong growing lily which does well in almost any situation. As the other hybrids of the west coast native lilies, it prefers slight shade and moist, cool soil. Plant 4 to 5 inches deep, in a location where it can grow undisturbed and it will rapidly form a large clump. Height 4 to 6 feet. The bright red tipped recurved flowers open in early July.

per 100, 5-7" \$15.00; 7-9" \$21.00

L. pumilum—Formerly called L. tenuifolium or the Coral lily, is one of the most easily grown and most popular lilies in this country. On this, wiry stems, seldom more than two feet tall, numerous bright scarlet or lacquer-red flowers are borne. Prefers full sun and a well-drained location. Stem-rooting, plant four inches deep.

per 100, 3-4" \$7.50; 4-5" \$9.00

L. pumilum "Golden Gleam"— Seems to us to be merely a lighter, orange-colored form of *L. pumilum*. Using the lightest colored forms we are striving to obtain a more marked differentiation in color and hope eventually to be able to re-introduce the original form of this nice lily which was reputed to have been golden-yellow.

per 100, 3-4" \$9.00; 4-5" \$15.00

L. Rainbow Hybrids — The result of hybridizing various upright-flowering species, these lilies all have cup-shaped flowers that, like tulips, stand straight up. The colors vary from true golden yellow, through all shades of orange to deepest mahogany-red. We have grown this strain now for several years and each summer we are pleasantly surprised to note the gay and sparkling colore of these fine, vigorous lilies. Mixture of all colors.

per 100, 5-6" \$15.00; 6-7" \$21.00

L. regale—This most widely grown of all trumpet lilies was introduced in 1903 by E. H. Wilson and was distributed by the Wayside Gardens just prior to World War I. In our considered opinion L. regale as it is offered now in the trade has nothing to recommend it. The flowers are smaller than in many of the new hybrid strains and the inflorescence leaves much to be desired.

per 100, 6-7" \$12.00; 7-8" \$15.00; 8-9" \$18.00; 9-10" \$24.00; 10-11" \$36.00

L. Sargentiae Hybrids—Out of crosses between L. Sargentiae and L. Henryi and L. leucanthum we have selected a strain of late-flowering hybrids that have particularly well-shaped trumpets and are more vigorous than the parent type. This strain is definitely restricted to trumpet lilies. It has been selected by us in response to a strong demand for late-flowering trumpet lilies, to follow the Olympic Hybrids and to extend their season.

per 100, 6-8" \$60.00; 8-10" \$75.00

L. "Shuksan"—By far the best of the hybrids named and introduced by the late Dr. David C. Griffiths. It is the result of a cross between L. Humboldtii magnificum and L. pardalinum. A handsome, easily grown, disease resistant garden lily. Similar in type and habit to our Bellingham Hybrids of which it is one of the parents, L. Shuksan is happy under the same conditions and treatment. The bulbs are comparatively large and transplant easily if not held in storage too long or allowed to dry out. F.C.C.R.H.S. per 100, 5-7" \$16.50; 7-9" \$24.00

Lily Descriptions and Prices (Continued)

L. speciosum "Red Champion" – A variety of the red showy lily of Japan. A grand clone for garden decoration, cut flowers or pot culture in a cool greenhouse. Our strain is uniform, disease free and vigorous. The foundation stock was discovered locally on the slopes of Mount Hood, where it has grown undisturbed for some forty years. This lily has not proven to be as difficult as many writers would have us believe. A situation in well drained soil where it can receive light shade during the hottest part of the day is the main requirement for successful culture. The heavy basal roots make a fall growth and consequently it may require a year to become well established. The smaller size bulbs suffer less shock in transplanting and are recommended for general garden purposes. Plant the bulbs 6 inches deep. Late August and early September flowering.

per 100, 6-7" \$30.00; 7-8" \$45.00; 8-9" \$60.00

L. speciosum "White Champion"—The highly prized white form of Speciosum "Red Champion." Our stocks are free from basal rot and mosaic infections so prevalent among imported bulbs and these two factors have in the past been largely responsible for the frequent failures with this lily. Flowering ten days to two weeks later than the red form, it is one of the loveliest of cut flowers. Light shade is necessary in warmer climates to prevent flowers from burning and opening too rapidly.

per 100, 6-7" \$45.00; 7-8" \$75.00; 8-9" \$100.00

L. "Sunstar"—Those of our customers and friends who have followed our offerings during the past few years will have noted that we have introduced a strain of Lilies known as the Hollywood Hybrids. Several named varieties have been listed by us in the past, all of them lovely, star-shaped flowers of great elegance and beauty. The demand for these Lilies was disappointing, and since we obviously

cannot continue to raise these Lilies if they do not find ready public acceptance, we have withdrawn them and retained only a very few for breeding purposes. From them, crossed with various other Lilies, a still newer strain has come, Lilies so dazzling in color and so intense that in our opinion they must find their way in the world. SUNSTAR is one of these new Lilies, FIRECROWN another. Both are upright flowering, both have flowers as large as those of ENCHANTMENT but carried in a flatter umbel, the individual flowers having a flattish cup shape. They retain both their shape and their color in the hottest sun. From three to four feet tall, on slender stems, the star-shaped flowers will highlight the garden. We offer you this exquisite novelty at only \$4.50 each.

L. Wilsoni flavum "Marlyn Ross"—A.M., R.H.S. 1953. We have great pleasure in being able to offer you some bulbs of this lovely lemon-yellow, uprightflowering Lily. The large flowers of exceptionally graceful habit are a unique sulphur yellow with a broad orange band down the center of each petal and attractively spotted with small deep maroon dots. The stout erect stems are from three to four feet tall, covered with dark green lanceolate leaves three and a half inches wide. When fully expanded, the flower has a flattish cup shape and is two and a half inches high and six and a half inches wide. "Marlyn Ross" was raised by Mr. J. D. Ross of Hawera, New Zealand, and is named after his two daughters, Margaret and Jocelyn. While at first it was thought that this Lily was the result of hybridization, it has now been established that it is a vellow mutation from the well-known, late-flowering, upright L. Wilsoni, in itself not of special value in the garden. A beautiful color reproduction of this Lily appeared in the Tenth Anniversary Issue of the New Zealand Gardener. each, \$6.00

This is Your Invitation . .



To Join

THE NORTH AMERICAN LILY SOCIETY

Secretary: A. Livingston Remsen's Lane Oyster Bay Long Island, New York

YOU CAN GROW BEAUTIFUL LILIES . .

like those illustrated on the front page and lilies of many other shapes, sizes and colors in your own garden

IF YOU JOIN

THE NORTH AMERICAN LILY SOCIETY

and learn how the country's EXPERTS grow them

No other group of hardy plants produces flowers with such a wide range of form, size, color and length of season. From late May till October frosts, your garden may be brightened by a few or many of the eighty distinct species and more than a hundred named hybrids and forms. If you want these wonderful plants in your garden, join the North American Lily Society and learn how to grow lilies the right way. The articles in

the society's yearbooks and bulletins, written by the most able research workers and hybridizers working with lilies, and the most successful amateurs as well, will help you to understand the growing of lilies and give you practical information as to just how it is done. You will find lily growing a fascinating and rewarding hobby and a source of delight in your garden.

MEMBERSHIP IN THE SOCIETY ENTITLES YOU TO:

- 1. The Lily Yearbook of the Society printed annually containing a wealth of information for the specialist and amateur alike. Members are encouraged to contribute articles for publication. Quarterly bulletins, including contributions from members, cover current activities and answer questions of general interest from members. Special bulletins are put out from time to time such as "Growing Lilies from Seed," etc.
- 2. Association with others keenly interested in the culture of lilies. The membership lists printed in the yearbook by countries and states will provide contacts throughout North America.
- 3. Participation in the affairs of the Lily Society, particularly its annual meeting and exhibiting your flowers in society-sponsored shows.
- 4. Attendance at, and participation in field days held in different parts of the country where growing lilies may be seen. Field days will be organized by regional groups.
- 5. Access to expert advice on problems of lily culture. Inquiries addressed to the secretary will be forwarded to those best qualified to answer them.
- 6. Opportunity to rent at a reduced fee, collections of Kodachrome slides to be used for local lectures or entertainment.
- Opportunity to obtain fresh seeds of many filly species and hybrids through the society's seed exchange.

New members joining N.A.L.S. will receive a liberal packet of lily seeds and an authoritative printed leaflet giving detailed directions for growing lilies from seed. Additional copies of this useful leaflet are available to everybody interested from the Secretary at .25 cents.

EVERY FLOWER LOVER IS INVITED TO JOIN:

Just fill out the attached application form and mail with heck or money order to-

A subscription may make a welcome gift to some flower loving friend. HE NORTH AMERICAN LILY SOCIETY RALPH M. WARNER, Treasurer Woodmont Rd., R.F.D. 1, Wilford. Conn.

APPLICATION FOR NEW MEMBER The North American Lily Society RALPH M. WARNER, Treasurer Woodmont Road

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Milford, Connecticut

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LILY SOCIETY.

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The amount enclosed for dues is \$....

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THE NORTH AMERICAN LILY SOCIETY

was organized in July 1947, "to promote interest in the genus Lilium, scientific research in its breeding and culture, standardization of its varietal names, the dissemination of information concerning the above and to promote such other purposes as may advance the culture of lilies."

All persons interested in flowers, whether gardeners, growers or dealers, are cordially invited to become members of the Society.

Annual Membership is \$3.00.

Sustaining Membership is \$5.00 or as much more as the member desires to contribute.

Life Membership is \$100.00.

The fiscal year of the Society runs from January 1 through December 31 and memberships run for those dates only. Among other things, membership entitles one to the yearbook which is always published in the last quarter of the fiscal year. Since this is the principal benefit of membership, all new members are enrolled for the current year up until the first of October, unless they direct us otherwise. Copies of the bulletins are saved and sent until exhausted to new members as they join and the activities are concentrated in the last half of the fiscal year so that this arrangement is usually satisfactory.

Copies of the yearbooks already published are available through the secretary at \$2.50 each to members, \$3.00 to non-members. They form an attractive, well bound series of books, each containing completely different material which would be of great help and interest to a lily grower. There are articles by scientists, commercial growers, and amateurs on all phases of lily culture and breeding.

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THE NORTH AMERICAN

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EXPORT ORDERS

Each year we receive large numbers of orders from foreign countries. Each country has special requirements as to certificates and special documents to be furnished; each one has some restrictions on the export of currency or dollar funds. We have found, invariably, that the effort connected with clearing such orders for shipment was far greater than any possible monetary reward involved. We feel a sense of obligation towards our foreign friends and should be most happy to share some of our introductions with them. We can only do so if their orders are paid in full before the bulbs leave this country and if we have received, from them, all the instructions as to the special inspections and documents required. Export shipments are carefully packed, in polyethylene bags and in strong boxes. We do not guarantee safe arrival, however, and recommend air freight shipment for all Lilies.

